



# The Correlation of PLATO<sup>®</sup> Curricula to West Virginia Content Standards and Objectives Mathematics

November 4, 2008

## Introduction

PLATO Learning Inc. combines PLATO computer-assisted instruction into a flexible integrated learning system to enhance instructional effectiveness in education programs. This document identifies PLATO instructional activities that correlate to the West Virginia Content Standards and Objectives, Mathematics. URL: <http://wvde.state.wv.us/csos/>.

It is recommended that instructors review the correlation in order to fine-tune the activity to fit their educational environment. Modules may be added or removed; Web sites and offline activities may also be incorporated to enhance the learning path.

The following PLATO courseware was used in this correlation report:

**PLATO<sup>®</sup> Math Expeditions A**  
**PLATO<sup>®</sup> Math Expeditions B**  
**PLATO<sup>®</sup> Math Expeditions C**  
**PLATO<sup>®</sup> Math Expeditions D**  
**PLATO<sup>®</sup> Achieve Now Adventures -- Mathematics**

**PLATO Learning, Inc. looks forward to supporting your initiatives in providing successful educational programs using PLATO<sup>®</sup> computer-based lessons.**

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## **Grade Kindergarten**

### **Standard 1: Number and Operations**

**M.O.K.1.01 count forward to 20 and backward from 10 with and without manipulatives.**

**PLATO® Math Expeditions A**

**Numeration A - Order**

Order numbers 1 through 10

Order numbers 11 through 19

Order numbers through 31

**PLATO® Math Expeditions B**

**Numeration B - Order**

Order numbers 1 through 10

Order numbers through 99

**Numeration B - Place Value**

Identify and write tens to 90

**PLATO® Achieve Now Adventures -- Mathematics**

**P.K.'s Place 1—Party on the Patio!; Hoopo's Patio: Planter Box (Level 0)**

**The Secret of Googol 3/The Googol Counting Fair—Midways; Flinch's Midway: Frog Hop Practice (Level 0)**

**The Secret of Googol 3/The Googol Counting Fair—Midways; Flinch's Midway: Frog Hop Game (Levels 1-3)**

**The Secret of Googol 3/The Googol Counting Fair—Midways; Flinch's Midway: Toy Grabber (Levels 1-3)**

**The Secret of Googol 3/The Googol Counting Fair—Midways; Wigsley's Midway: Collect Jewels (Levels 1-3)**

**The Secret of Googol 3/The Googol Counting Fair—Midways; Wigsley's Midway: Recharge Power (Levels 1-3)**

**The Secret of Googol 3/The Googol Counting Fair—Midways; Wigsley's Midway: Tokens (Levels 1-3)**

**The Secret of Googol 4/The Googol Counting Fair—Corral and Fun House; Corral: Count the Animals (Levels 1-3)**

**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Party Isle, First Floor: Lost and Found (Level 1)**

**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Party Isle, First Floor: Lost and Found (Levels 2-3)**

**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Party Isle, Second Floor: Embroidery Machine (Levels 1-3)**

**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Party Isle, Second Floor: Piñata (Level 1)**

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**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Party Isle, Second Floor: Piñata (Levels 2-3)**

**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Toy Isle: Trumpeters Show (Levels 1-3)**

**The Secret of Googol 6/Googolfest—Arcade Isle and Moon Feast Isle; Moon Feast Isle: Cooking (Levels 1-3)**

**The Secret of Googol 6/Googolfest—Arcade Isle and Moon Feast Isle; Moon Feast Isle: Making Tea (Levels 1-3)**

**The Secret of Googol 6/Googolfest—Arcade Isle and Moon Feast Isle; Moon Feast Isle: Shopping List (Levels 1-3)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Balloon Picnic: Music Game (Levels 1-2)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Balloon Picnic: Music Game (Levels 3-5)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Egg Trek: Eggs Press (Level 1)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Egg Trek: Eggs Press (Level 2)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Egg Trek: Eggs Press (Level 3)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Egg Trek: Eggs Press (Level 4-5)**

**M.O.K. I.02 read, write, order, and compare numbers to 20 using multiple strategies (e.g. manipulatives, number line).**

**PLATO® Math Expeditions A**

**Numeration A - Recognition**

Identify groups of one, two, three

Identify groups zero through seven

Identify groups of 8 through 12

Identify groups of 11 through 19

Identify groups of 20 through 29

**Numeration A - Order**

Order numbers 1 through 10

Order numbers 11 through 19

Order numbers through 31

**PLATO® Math Expeditions B**

**Numeration B - Number Recognition**

Identify 0-6

Identify and count 7-12

Count by fives

**Numeration B - Compare**

Compare numbers through 99



**Numeration B - Order**

Order numbers 1 through 10

Order numbers through 99

**Numeration B - Place Value**

Identify and write tens to 90

Identify tens and ones to 99

**PLATO® Achieve Now Adventures -- Mathematics**

**Cali's Geo Tools; Shape Pad (Level 0)**

**Cali's Geo Tools; Symmetry Easel (Level 0)**

**Cali's Geo Tools; Tangrams (Level 0)**

**Math Gallery—Collection 1; Explore: Base-10 Blocks (Level 0)**

**Math Gallery—Collection 1; Explore: Geoboard (Level 0)**

**Math Gallery—Collection 1; Explore: Fraction Strips (Level 0)**

**Math Gallery—Collection 1; Explore: Calculator (Level 0)**

**Math Gallery—Collection 1; Series 10: Geoboard (Levels 1-3)**

**Math Gallery—Collection 1; Series 10: Fraction Strips (Levels 1-3)**

**Math Gallery—Collection 1; Series 10: Calculator (Levels 1-3)**

**Math Gallery—Collection 1; Series 10: Base-10 Blocks (Levels 1-2)**

**Math Gallery—Collection 1; Series 10: Base-10 Blocks (Level 3)**

**Math Gallery—Collection 2; Explore: Time (Level 0)**

**Math Gallery—Collection 2; Explore: Ratio (Level 0)**

**Math Gallery—Collection 2; Explore: Probability (Level 0)**

**Math Gallery—Collection 2; Explore: Money (Level 0)**

**Math Gallery—Collection 2; Series 10: Time (Level 1)**

**Math Gallery—Collection 2; Series 10: Time (Level 2)**

**Math Gallery—Collection 2; Series 10: Time (Level 3)**

**Math Gallery—Collection 2; Series 10: Probability (Levels 1-3)**

**Math Gallery—Collection 2; Series 10: Money (Levels 1-3)**

**Math Gallery—Collection 2; Series 20: Money (Level 2)**

**P.K.'s Place 1—Party on the Patio!; P.K.'s Game Room: Delicious Digits (Level 1)**

**P.K.'s Place 1—Party on the Patio!; P.K.'s Game Room: Delicious Digits (Levels 2-3)**

**The Secret of Googol 1a/ Reshaping Googol—The Submarine; Tangrams (Levels 1-3)**

**The Secret of Googol 1b/Reshaping Googol—The Tower; Third Floor, Stained Glass Room: Easel (Level 0)**

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**The Secret of Googol 1b/Reshaping Googol—The Tower; Third Floor, Stained Glass Room: Stained Glass (Levels 1-3)**

**The Secret of Googol 1b/Reshaping Googol—The Tower; Fourth Floor, Bakery: Cookie Flips (Level 0)**

**The Secret of Googol 1b/Reshaping Googol—The Tower; Fourth Floor, Bakery: Plate Sorting (Levels 1-3)**

**The Secret of Googol 2a/Reshaping Googol—The Castle; Shape Pad (Levels 1-3)**

**The Secret of Googol 3/The Googol Counting Fair—Midways; Flinch's Midway: Frog Hop Practice (Level 0)**

**The Secret of Googol 3/The Googol Counting Fair—Midways; Flinch's Midway: Frog Hop Game (Levels 1-3)**

**The Secret of Googol 3/The Googol Counting Fair—Midways; Wigsley's Midway: Go-Cart Race (Levels 1-3)**

**The Secret of Googol 4/The Googol Counting Fair—Corral and Fun House; Corral: Feed the Animals (Levels 1-3)**

**The Secret of Googol 4/The Googol Counting Fair—Corral and Fun House; Corral: Water the Animals (Levels 1-3)**

**The Secret of Googol 4/The Googol Counting Fair—Corral and Fun House; Fun House, Candy Room: Candy Machine (Level 0)**

**The Secret of Googol 4/The Googol Counting Fair—Corral and Fun House; Fun House, Clown Room: Clown Costume (Level 0)**

**The Secret of Googol 4/The Googol Counting Fair—Corral and Fun House; Fun House, Clown Room: Concentration Game—Domino and Tally (Level 0)**

**The Secret of Googol 4/The Googol Counting Fair—Corral and Fun House; Fun House, Clown Room: Concentration Game—Words (Level 0)**

**The Secret of Googol 4/The Googol Counting Fair—Corral and Fun House; Fun House, Gears and Gadgets Room: Mystery Number (Levels 1-3)**

**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Party Isle, First Floor: Lost and Found (Level 1)**

**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Party Isle, First Floor: Lost and Found (Levels 2-3)**

**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Party Isle, Second Floor: Birthday Card (Level 1)**

**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Party Isle, Second Floor: Birthday Card (Levels 2-3)**

**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Toy Isle: Arrange Dolls (Levels 1-3)**

**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Toy Isle: Arrange the Drummers (Levels 1-3)**

**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Toy Isle: Price Dolls (Levels 1-3)**



**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Toy Isle: Windmills (Levels 1-2)**

**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Toy Isle: Windmills (Level 3)**

**The Secret of Googol 6/Googolfest—Arcade Isle and Moon Feast Isle; Arcade Isle: Banana Grab (Levels 1-3)**

**The Secret of Googol 6/Googolfest—Arcade Isle and Moon Feast Isle; Moon Feast Isle: Floating Market (Levels 1-3)**

**The Secret of Googol 6/Googolfest—Arcade Isle and Moon Feast Isle; Moon Feast Isle: Making Tea (Levels 1-3)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Egg Trek: Eggs Press (Level 1)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Egg Trek: Eggs Press (Level 2)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Egg Trek: Eggs Press (Level 3)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Egg Trek: Eggs Press (Level 4-5)**

### **M.O.K. I.03 group and count manipulatives by ones, fives, and tens.**

#### **PLATO® Math Expeditions B**

##### **Numeration B - Number Recognition**

**Count by fives**

##### **Numeration B - Place Value**

**Identify and write tens to 90**

#### **PLATO® Achieve Now Adventures -- Mathematics**

##### **P.K.'s Place 1—Party on the Patio!; Hoop's Patio: Planter Box (Level 0)**

**The Secret of Googol 3/The Googol Counting Fair—Midways; Flinch's Midway: Frog Hop Practice (Level 0)**

**The Secret of Googol 3/The Googol Counting Fair—Midways; Flinch's Midway: Frog Hop Game (Levels 1-3)**

**The Secret of Googol 3/The Googol Counting Fair—Midways; Flinch's Midway: Toy Grabber (Levels 1-3)**

**The Secret of Googol 3/The Googol Counting Fair—Midways; Wigsley's Midway: Collect Jewels (Levels 1-3)**

**The Secret of Googol 3/The Googol Counting Fair—Midways; Wigsley's Midway: Recharge Power (Levels 1-3)**

**The Secret of Googol 3/The Googol Counting Fair—Midways; Wigsley's Midway: Tokens (Levels 1-3)**

**The Secret of Googol 4/The Googol Counting Fair—Corral and Fun House; Corral: Count the Animals (Levels 1-3)**



**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Party Isle, Second Floor: Embroidery Machine (Levels 1-3)**

**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Party Isle, Second Floor: Piñata (Level 1)**

**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Party Isle, Second Floor: Piñata (Levels 2-3)**

**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Toy Isle: Trumpeters Show (Levels 1-3)**

**The Secret of Googol 6/Googolfest—Arcade Isle and Moon Feast Isle; Moon Feast Isle: Cooking (Levels 1-3)**

**The Secret of Googol 6/Googolfest—Arcade Isle and Moon Feast Isle; Moon Feast Isle: Shopping List (Levels 1-3)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Egg Trek: Eggs Press (Level 1)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Egg Trek: Eggs Press (Level 2)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Egg Trek: Eggs Press (Level 3)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Egg Trek: Eggs Press (Level 4-5)**

**M.O.K.1.04 model and identify place value of each digit utilizing standard and expanded form through 20.**

**PLATO® Math Expeditions B**

**Numeration B - Place Value**

**Identify and write tens to 90**

**Identify tens and ones to 99**

**Number Operations B - Addition**

**Add two 2-digit numbers**

**PLATO® Achieve Now Adventures -- Mathematics**

**Math Gallery—Collection 1; Explore: Base-10 Blocks (Level 0)**

**Math Gallery—Collection 1; Series 10: Base-10 Blocks (Levels 1-2)**

**Math Gallery—Collection 1; Series 10: Base-10 Blocks (Level 3)**

**P.K.'s Place 1—Party on the Patio!; Daphne's Studio: Battery Charger, Big Charge (Levels 1-3)**

**The Secret of Googol 3/The Googol Counting Fair—Midways; Flinch's Midway: Marble Mania (Level 0)**

**The Secret of Googol 3/The Googol Counting Fair—Midways; Wigsley's Midway: Tokens (Levels 1-3)**

**The Secret of Googol 4/The Googol Counting Fair—Corral and Fun House; Fun House, Candy Room: Candy Machine (Level 0)**

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**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Balloon Picnic: Picnic Basket (Levels 4-5)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Egg Trek: Eggs Press (Level 1)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Egg Trek: Eggs Press (Level 2)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Egg Trek: Eggs Press (Level 3)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Egg Trek: Eggs Press (Level 4-5)**

**The Secret of Googol 8/Googol Gulch—General Store and Math Arcade; General Store: The Pricing Game (Levels 2-3)**

**The Secret of Googol 8/Googol Gulch—General Store and Math Arcade; Math Arcade: The Piano (Levels 1-4)**

**The Secret of Googol 8/Googol Gulch—General Store and Math Arcade; Math Arcade: The Piano (Level 5)**

**M.O.K. I.05 Use ordinal numbers 1st – 10th to identify position in a sequence.**

**PLATO® Math Expeditions A  
Numeration A - Ordinals  
Identify ordinals through fifth**

**PLATO® Math Expeditions B  
Numeration B - Ordinals  
Identify ordinals through tenth**

**PLATO® Achieve Now Adventures -- Mathematics  
The Secret of Googol 4/The Googol Counting Fair—Corral and Fun House; Fun House, Gears and Gadgets Room: Floating Numerals (Level 0)**

**M.O.K. I.06 estimate the number of objects in a group of 20 or less and count to evaluate reasonableness of estimation.**

**PLATO® Achieve Now Adventures -- Mathematics  
P.K.'s Place 1—Party on the Patio!; P.K.'s Game Room: Delicious Digits (Level 1)  
P.K.'s Place 1—Party on the Patio!; P.K.'s Game Room: Delicious Digits (Levels 2-3)**

**M.O.K. I.07 identify and name halves and wholes using concrete models.**

**PLATO® Math Expeditions A  
Numeration A - Recognition  
Identify groups zero through seven  
Identify groups of 8 through 12  
Identify groups of 11 through 19  
Identify groups of 20 through 29**



**Fractions A - Fractions**  
Equal parts of whole and one half

**PLATO® Math Expeditions B**  
**Numeration B - Number Recognition**  
Identify 0-6  
Identify and count 7-12  
Count by fives

**Numeration B - Place Value**  
Identify and write tens to 90  
Identify tens and ones to 99

**Fractions B - Fractions**  
Identify  $1/2$ ,  $1/3$  &  $1/4$

**PLATO® Achieve Now Adventures -- Mathematics**  
**Cali's Geo Tools; Shape Pad (Level 0)**  
**Cali's Geo Tools; Symmetry Easel (Level 0)**  
**Cali's Geo Tools; Tangrams (Level 0)**  
**Math Gallery—Collection 1; Explore: Base-10 Blocks (Level 0)**  
**Math Gallery—Collection 1; Explore: Base-10 Blocks (Level 1)**  
**Math Gallery—Collection 1; Explore: Geoboard (Level 0)**  
**Math Gallery—Collection 1; Explore: Fraction Strips (Level 0)**  
**Math Gallery—Collection 1; Explore: Calculator (Level 0)**  
**Math Gallery—Collection 1; Series 10: Geoboard (Levels 1-3)**  
**Math Gallery—Collection 1; Series 10: Fraction Strips (Levels 1-3)**  
**Math Gallery—Collection 1; Series 10: Calculator (Levels 1-3)**  
**Math Gallery—Collection 1; Series 10: Base-10 Blocks (Levels 1-2)**  
**Math Gallery—Collection 1; Series 10: Base-10 Blocks (Level 3)**  
**Math Gallery—Collection 2; Explore: Time (Level 0)**  
**Math Gallery—Collection 2; Explore: Ratio (Level 0)**  
**Math Gallery—Collection 2; Explore: Probability (Level 0)**  
**Math Gallery—Collection 2; Explore: Money (Level 0)**  
**Math Gallery—Collection 2; Series 10: Time (Level 1)**  
**Math Gallery—Collection 2; Series 10: Time (Level 2)**  
**Math Gallery—Collection 2; Series 10: Time (Level 3)**  
**Math Gallery—Collection 2; Series 10: Probability (Levels 1-3)**  
**Math Gallery—Collection 2; Series 10: Money (Levels 1-3)**  
**Math Gallery—Collection 2; Series 20: Money (Level 2)**

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**The Secret of Googol 1a/ Reshaping Googol—The Submarine; Tangrams (Levels 1-3)**

**The Secret of Googol 1b/Reshaping Googol—The Tower; Third Floor, Stained Glass Room: Easel (Level 0)**

**The Secret of Googol 1b/Reshaping Googol—The Tower; Third Floor, Stained Glass Room: Stained Glass (Levels 1-3)**

**The Secret of Googol 1b/Reshaping Googol—The Tower; Fourth Floor, Bakery: Cookie Flips (Level 0)**

**The Secret of Googol 1b/Reshaping Googol—The Tower; Fourth Floor, Bakery: Plate Sorting (Levels 1-3)**

**The Secret of Googol 2a/Reshaping Googol—The Castle; Shape Pad (Levels 1-3)**

**The Secret of Googol 3/The Googol Counting Fair—Midways; Wigsley's Midway: Collect Jewels (Levels 1-3)**

**The Secret of Googol 3/The Googol Counting Fair—Midways; Wigsley's Midway: Go-Cart Race (Levels 1-3)**

**The Secret of Googol 3/The Googol Counting Fair—Midways; Wigsley's Midway: Odd Bugs (Level 0)**

**The Secret of Googol 4/The Googol Counting Fair—Corral and Fun House; Fun House, Clown Room: Clown Costume (Level 0)**

**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Party Isle, First Floor: Cake Machine (Level 0)**

**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Toy Isle: Arrange Dolls (Levels 1-3)**

**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Toy Isle: Arrange the Drummers (Levels 1-3)**

**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Toy Isle: Water Taxi (Levels 1-3)**

**The Secret of Googol 6/Googolfest—Arcade Isle and Moon Feast Isle; Arcade Isle: Banana Grab (Levels 1-3)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Egg Trek: Eggs Press (Level 1)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Egg Trek: Eggs Press (Level 2)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Egg Trek: Eggs Press (Level 3)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Egg Trek: Eggs Press (Level 4-5)**

**M.O.K.I.08 use concrete objects to model addition and subtraction of whole numbers related to sums of 10 or less and write corresponding number sentence.**



**PLATO® Math Expeditions A**

**Module: Number Operations A - Addition: Skill Activity: Join two groups & give total**

**Number Operations A - Addition**

**Add two numbers: sums to 6**

**Number Operations A - Subtraction**

**Remove objects from group**

**Subtract numbers through 9**

**PLATO® Math Expeditions B**

**Number Operations B - Addition**

**Add two numbers with sums to 10**

**Add with zero**

**Add two numbers with sums to 12**

**Add two 2-digit numbers**

**Number Operations B - Subtraction**

**Subtract numbers through 7**

**Subtract with zero**

**Subtract numbers 9, 10, 11, 12**

**Subtract numbers 13 through 18**

**PLATO® Achieve Now Adventures -- Mathematics**

**Math Gallery—Collection 1; Series 10: Calculator (Levels 1-3)**

**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Party Isle, First Floor: Disk Game (Level 1)**

**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Party Isle, First Floor: Disk Game (Levels 2-3)**

**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Party Isle, First Floor: Lost and Found (Level 1)**

**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Party Isle, First Floor: Lost and Found (Levels 2-3)**

**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Party Isle, Second Floor: Birthday Card (Levels 2-3)**

**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Party Isle, Second Floor: Embroidery Machine (Levels 1-3)**

**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Party Isle, Second Floor: Piñata (Level 1)**

**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Party Isle, Second Floor: Piñata (Levels 2-3)**

**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Toy Isle: Build a Doll (Levels 1-3)**

**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Toy Isle: Water Taxi (Levels 1-3)**

**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Toy Isle: What's Inside a Doll? (Levels 1-3)**

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**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Toy Isle: Windmills (Levels 1-2)**

**The Secret of Googol 6/Googolfest—Arcade Isle and Moon Feast Isle; Arcade Isle: Banana Grab (Levels 1-3)**

**The Secret of Googol 6/Googolfest—Arcade Isle and Moon Feast Isle; Arcade Isle: Crane Game (Levels 1-3)**

**The Secret of Googol 6/Googolfest—Arcade Isle and Moon Feast Isle; Arcade Isle: Falling Drums (Level 1)**

**The Secret of Googol 6/Googolfest—Arcade Isle and Moon Feast Isle; Arcade Isle: Falling Drums (Levels 2-3)**

**The Secret of Googol 6/Googolfest—Arcade Isle and Moon Feast Isle; Moon Feast Isle: Cooking (Levels 1-3)**

**The Secret of Googol 6/Googolfest—Arcade Isle and Moon Feast Isle; Moon Feast Isle: Shopping List (Levels 1-3)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Balloon Picnic: Balloon Machine (Levels 1-2)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Balloon Picnic: Balloon Machine (Levels 3-4)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Balloon Picnic: Egg Surprise (Level 2)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Balloon Picnic: Egg Surprise (Level 3)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Balloon Picnic: Egg Surprise (Level 4)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Balloon Picnic: Picnic Basket (Levels 1-2)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Egg Trek: Eggs Press (Level 1)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Egg Trek: Eggs Press (Level 3)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Egg Trek: Eggs Press (Level 4-5)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Egg Trek: Eggs Spin (Levels 1-2)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Egg Trek: Eggs Spin (Level 3)**

**The Secret of Googol 8/Googol Gulch—General Store and Math Arcade; General Store: The Auction (Level 1)**

**The Secret of Googol 8/Googol Gulch—General Store and Math Arcade; General Store: The Auction (Level 2)**



**The Secret of Googol 8/Googol Gulch—General Store and Math Arcade; Math Arcade: Bull's-eye (Level 1)**

**The Secret of Googol 8/Googol Gulch—General Store and Math Arcade; Math Arcade: Horseshoe Toss (Level 1)**

**The Secret of Googol 8/Googol Gulch—General Store and Math Arcade; Math Arcade: Horseshoe Toss (Levels 2-4)**

**The Secret of Googol 8/Googol Gulch—General Store and Math Arcade; Math Arcade: Pick the Pattern (Level 1)**

**The Secret of Googol 8/Googol Gulch—General Store and Math Arcade; Math Arcade: Pick the Pattern (Levels 2-3)**

**The Secret of Googol 8/Googol Gulch—General Store and Math Arcade; Math Arcade: The Sum-It-Up Machine (Level 1)**

**The Secret of Googol 8/Googol Gulch—General Store and Math Arcade; Math Arcade: The Sum-It-Up Machine (Levels 2-4)**

**The Secret of Googol 8/Googol Gulch—General Store and Math Arcade; Math Arcade: The Sum-It-Up Machine (Level 5)**

**M.O.K. I.09 model meanings of operations and the relationship between addition and subtraction (e.g., identity element of addition, commutative property) using manipulatives.**

**PLATO® Math Expeditions B**

**Number Operations B - Addition**

**Add with zero**

**Add two numbers with sums to 12**

**Number Operations B - Subtraction**

**Subtract with zero**

**PLATO® Achieve Now Adventures -- Mathematics**

**Cali's Geo Tools; Shape Pad (Level 0)**

**Cali's Geo Tools; Symmetry Easel (Level 0)**

**Cali's Geo Tools; Tangrams (Level 0)**

**Math Gallery—Collection 1; Explore: Base-10 Blocks (Level 0)**

**Math Gallery—Collection 1; Explore: Geoboard (Level 0)**

**Math Gallery—Collection 1; Explore: Fraction Strips (Level 0)**

**Math Gallery—Collection 1; Explore: Calculator (Level 0)**

**Math Gallery—Collection 1; Series 10: Geoboard (Levels 1-3)**

**Math Gallery—Collection 1; Series 10: Fraction Strips (Levels 1-3)**

**Math Gallery—Collection 1; Series 10: Calculator (Levels 1-3)**

**Math Gallery—Collection 1; Series 10: Base-10 Blocks (Levels 1-2)**

**Math Gallery—Collection 1; Series 10: Base-10 Blocks (Level 3)**

**Math Gallery—Collection 2; Explore: Time (Level 0)**

**Inspired solutions for teaching and learning™**



- Math Gallery—Collection 2; Explore: Ratio (Level 0)**
- Math Gallery—Collection 2; Explore: Probability (Level 0)**
- Math Gallery—Collection 2; Explore: Money (Level 0)**
- Math Gallery—Collection 2; Series 10: Time (Level 1)**
- Math Gallery—Collection 2; Series 10: Time (Level 2)**
- Math Gallery—Collection 2; Series 10: Time (Level 3)**
- Math Gallery—Collection 2; Series 10: Probability (Levels 1-3)**
- Math Gallery—Collection 2; Series 10: Money (Levels 1-3)**
- Math Gallery—Collection 2; Series 20: Money (Level 2)**
- The Secret of Googol 1a/ Reshaping Googol—The Submarine; Tangrams (Levels 1-3)**
- The Secret of Googol 1b/Reshaping Googol—The Tower; Third Floor, Stained Glass Room: Easel (Level 0)**
- The Secret of Googol 1b/Reshaping Googol—The Tower; Third Floor, Stained Glass Room: Stained Glass (Levels 1-3)**
- The Secret of Googol 1b/Reshaping Googol—The Tower; Fourth Floor, Bakery: Cookie Flips (Level 0)**
- The Secret of Googol 1b/Reshaping Googol—The Tower; Fourth Floor, Bakery: Plate Sorting (Levels 1-3)**
- The Secret of Googol 2a/Reshaping Googol—The Castle; Shape Pad (Levels 1-3)**
- The Secret of Googol 4/The Googol Counting Fair—Corral and Fun House; Fun House, Clown Room: Clown Costume (Level 0)**
- The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Party Isle, First Floor: Lost and Found (Level 1)**
- The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Party Isle, First Floor: Lost and Found (Levels 2-3)**
- The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Toy Isle: Arrange Dolls (Levels 1-3)**
- The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Toy Isle: Arrange the Drummers (Levels 1-3)**
- The Secret of Googol 6/Googolfest—Arcade Isle and Moon Feast Isle; Arcade Isle: Banana Grab (Levels 1-3)**
- The Secret of Googol 6/Googolfest—Arcade Isle and Moon Feast Isle; Arcade Isle: Falling Drums (Level 1)**
- The Secret of Googol 6/Googolfest—Arcade Isle and Moon Feast Isle; Arcade Isle: Falling Drums (Levels 2-3)**
- The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Balloon Picnic: Balloon Machine (Levels 1-2)**



**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Balloon Picnic: Balloon Machine (Levels 3-4)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Balloon Picnic: Balloon Machine (Level 5)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Egg Trek: Eggs Press (Level 1)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Egg Trek: Eggs Press (Level 2)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Egg Trek: Eggs Press (Level 3)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Egg Trek: Eggs Press (Level 4-5)**

**M.O.K.1.10 create grade-appropriate picture and story problems, solve using a variety of strategies, present solutions and justify results.**

PLATO Modules are not available for this learning expectation.

## **Standard 2: Algebra**

**M.O.K.2.1 justify the classification of self-selected objects based on attributes.**

**PLATO® Math Expeditions A**

**Numeration A - Classify**

**Identify objects: same size**

**Identify objects: same color/shape**

**PLATO® Achieve Now Adventures -- Mathematics**

**The Secret of Googol 1b/Reshaping Googol—The Tower; Fourth Floor, Bakery: Plate Sorting (Levels 1-3)**

**The Secret of Googol 2a/Reshaping Googol—The Castle; Second Room: Nesting Shapes (Level 0)**

**The Secret of Googol 3/The Googol Counting Fair—Midways; Wigsley's Midway: Bug Groups (Level 0)**

**M.O.K.2.2 create, describe, and extend a repeating pattern using common objects, sound, and movement.**

PLATO Modules are not available for this learning expectation.

**M.O.K.2.3 model and identify patterns of counting by 5's and 10's.**

**PLATO® Achieve Now Adventures -- Mathematics**

**The Secret of Googol 3/The Googol Counting Fair—Midways; Wigsley's Midway: Collect Jewels (Levels 1-3)**

**The Secret of Googol 3/The Googol Counting Fair—Midways; Wigsley's Midway: Go-Cart Race (Levels 1-3)**

**The Secret of Googol 3/The Googol Counting Fair—Midways; Wigsley's Midway: Odd Bugs (Level 0)**

**Inspired solutions for teaching and learning™**



The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Toy Isle: Water Taxi  
(Levels 1-3)

### **Standard 3: Geometry**

**M.O.K.3.1 use physical materials to construct, identify, and classify basic geometric plane shapes: • circles • ellipses (oval) • rectangles including squares • triangles**

**PLATO® Math Expeditions A**

**Numeration A - Classify**

Identify objects: same size

Identify objects: same color/shape

**PLATO® Achieve Now Adventures -- Mathematics**

**Math Gallery—Collection 1; Series 10: Geoboard (Levels 1-3)**

**The Secret of Googol 2a/Reshaping Googol—The Castle; Second Room: Concentration Game (Levels 1-3)**

**The Secret of Googol 2a/Reshaping Googol—The Castle; Second Room: Nesting Shapes (Level 0)**

**The Secret of Googol 2b/Reshaping Googol—The Ocean; Feed the Squid (Levels 1-3)**

**M.O.K.3.2 recognize and describe basic geometric shapes in the environment.**

**PLATO® Math Expeditions A**

**Numeration A - Classify**

Identify objects: same size

Identify objects: same color/shape

**Geometry A - Geometry**

Circles, squares, triangles

**PLATO® Math Expeditions B**

**Geometry B - Geometry**

Triangles/rectangles/circles

Cubes/cylinders/spheres/cones

**PLATO® Achieve Now Adventures -- Mathematics**

**The Secret of Googol 2a/Reshaping Googol—The Castle; Second Room: Nesting Shapes (Level 0)**

**M.O.K.3.3 model and describe spatial relationships: • inside/outside • top/bottom • before/after**

**PLATO® Achieve Now Adventures -- Mathematics**

**Math Gallery—Collection 2; Series 10: Time (Level 1)**

**Math Gallery—Collection 2; Series 10: Time (Level 2)**

**Math Gallery—Collection 2; Series 10: Time (Level 3)**

**The Secret of Googol 2a/Reshaping Googol—The Castle; First Room: Extrude and Lathe (Level 0)**

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The Secret of Googol 2a/Reshaping Googol—The Castle; First Room: Unfold Shapes (Level 0)

The Secret of Googol 2a/Reshaping Googol—The Castle; First Room: Wall Pictures (Level 0)

The Secret of Googol 2a/Reshaping Googol—The Castle; Second Room: Nesting Shapes (Level 0)

**M.O.K.3.4 identify the separate parts used to make a whole object.**

PLATO® Achieve Now Adventures -- Mathematics  
Cali's Geo Tools; Shape Pad (Level 0)

Math Gallery—Collection 1; Explore: Geoboard (Level 0)

Math Gallery—Collection 1; Series 10: Geoboard (Levels 1-3)

The Secret of Googol 2a/Reshaping Googol—The Castle; Shape Pad (Levels 1-3)

#### **Standard 4: Measurement**

**M.O.K.4.1 estimate the size of an object and compare and order objects with respect to a given attribute.**

PLATO® Achieve Now Adventures -- Mathematics  
Math Gallery—Collection 1; Series 10: Geoboard (Levels 1-3)

The Secret of Googol 2a/Reshaping Googol—The Castle; Second Room: Concentration Game (Levels 1-3)

The Secret of Googol 2b/Reshaping Googol—The Ocean; Feed the Squid (Levels 1-3)

**M.O.K.4.2 use standard and nonstandard units of measure to find the length of an object.**

PLATO® Math Expeditions A  
Measurement A - Length  
Length using informal units

PLATO® Math Expeditions B  
Measurement B - Length  
Measure with an inch ruler

**M.O.K.4.3 compare two objects in nonstandard units of measure, according to one or more of the following attributes: • length • height • weight**

PLATO® Math Expeditions A  
Measurement A - Mass, Weight  
Objects - heavier?

Measurement A - Capacity  
Which holds more or less?

PLATO® Math Expeditions B  
Measurement B - Mass, Weight  
Measure weight



**PLATO® Achieve Now Adventures -- Mathematics**  
**Math Gallery—Collection 2; Series 10: Money (Levels 1-3)**

**The Quaddle Family Mysteries 1/The Case of the Scarce Scarab—Lobby and Kitchen; Kitchen: Snack Machine (Levels 1-3)**

**The Secret of Googol 3/The Googol Counting Fair—Midways; Wigsley's Midway: Scale (Level 0)**

**M.O.K.4.4 use calendar to identify date and the sequence of days of the week.**

**PLATO Modules are not available for this learning expectation.**

**M.O.K.4.5 read time to the hour using analog and digital clocks.**

**PLATO® Math Expeditions A**  
**Time A - Time**  
**Tell time to the hour**

**PLATO® Math Expeditions B**  
**Time B - Time**  
**Tell time to the half hour**

**PLATO® Achieve Now Adventures -- Mathematics**  
**Math Gallery—Collection 2; Series 10: Time (Level 1)**  
**Math Gallery—Collection 2; Series 10: Time (Level 2)**  
**Math Gallery—Collection 2; Series 10: Time (Level 3)**

**M.O.K.4.6 identify the name and value of coins and explain the relationships between: • penny • nickel • dime**

**PLATO® Math Expeditions A**  
**Money A - Money**  
**Identify value penny, nickel, dime**

**PLATO® Math Expeditions B**  
**Money B - Money**  
**Identify coins to 99 cents**

## **Standard 5: Data Analysis and Probability**

**M.O.K.5.1 collect, organize, display, and interpret data using a pictograph and bar graph (with and without technology)**

**PLATO® Math Expeditions B**  
**Graphs B - Graphs**  
**Solve problems: use a bar graph**

**PLATO® Achieve Now Adventures -- Mathematics**  
**Math Gallery—Collection 2; Explore: Probability (Level 0)**  
**Math Gallery—Collection 2; Series 10: Probability (Levels 1-3)**  
**P.K.'s Place 1—Party on the Patio!; Hoopo's Patio: Planter Box (Level 0)**



The Secret of Googol 4/The Googol Counting Fair—Corral and Fun House; Corral: Groom the Animals (Level 0)

**M.O.K.5.2** conduct a simple probability experiment and use tallies to record results in a table, make predictions based on results.

PLATO® Achieve Now Adventures -- Mathematics  
Math Gallery—Collection 2; Series 10: Probability (Levels 1-3)

P.K.'s Place 1—Party on the Patio!; Hoopo's Patio: Planter Box (Level 0)

## Grade 01

### Standard 1: Number and Operations

**M.O.1.1.01** count forward to 100 and backward from 20 with and without manipulatives.

PLATO® Math Expeditions A

Numeration A - Order

Order numbers 1 through 10

Order numbers 11 through 19

Order numbers through 31

PLATO® Math Expeditions B

Numeration B - Order

Order numbers 1 through 10

Order numbers through 99

Numeration B - Place Value

Identify and write tens to 90

PLATO® Math Expeditions C

Numeration C - Number Recognition

Count by twos

Numeration C - Order

Order numbers through 99

Order numbers through 999

PLATO® Achieve Now Adventures -- Mathematics

P.K.'s Place 1—Party on the Patio!; Hoopo's Patio: Planter Box (Level 0)

The Secret of Googol 3/The Googol Counting Fair—Midways; Flinch's Midway: Frog Hop Practice (Level 0)

The Secret of Googol 3/The Googol Counting Fair—Midways; Flinch's Midway: Frog Hop Game (Levels 1-3)

The Secret of Googol 3/The Googol Counting Fair—Midways; Flinch's Midway: Toy Grabber (Levels 1-3)

The Secret of Googol 3/The Googol Counting Fair—Midways; Wigsley's Midway: Collect Jewels (Levels 1-3)

The Secret of Googol 3/The Googol Counting Fair—Midways; Wigsley's Midway: Recharge Power (Levels 1-3)



**The Secret of Googol 3/The Googol Counting Fair—Midways; Wigsley's Midway: Tokens (Levels 1-3)**

**The Secret of Googol 4/The Googol Counting Fair—Corral and Fun House; Corral: Count the Animals (Levels 1-3)**

**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Party Isle, First Floor: Lost and Found (Level 1)**

**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Party Isle, First Floor: Lost and Found (Levels 2-3)**

**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Party Isle, Second Floor: Embroidery Machine (Levels 1-3)**

**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Party Isle, Second Floor: Piñata (Level 1)**

**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Party Isle, Second Floor: Piñata (Levels 2-3)**

**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Toy Isle: Trumpeters Show (Levels 1-3)**

**The Secret of Googol 6/Googolfest—Arcade Isle and Moon Feast Isle; Moon Feast Isle: Cooking (Levels 1-3)**

**The Secret of Googol 6/Googolfest—Arcade Isle and Moon Feast Isle; Moon Feast Isle: Making Tea (Levels 1-3)**

**The Secret of Googol 6/Googolfest—Arcade Isle and Moon Feast Isle; Moon Feast Isle: Shopping List (Levels 1-3)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Balloon Picnic: Music Game (Levels 1-2)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Balloon Picnic: Music Game (Levels 3-5)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Egg Trek: Eggs Press (Level 1)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Egg Trek: Eggs Press (Level 2)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Egg Trek: Eggs Press (Level 3)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Egg Trek: Eggs Press (Level 4-5)**

**M.O.I.1.02 read, write, order, and compare numbers to 100 using multiple strategies (e.g. manipulatives, number line, symbols).**

**PLATO® Math Expeditions A**

**Numeration A - Recognition**

**Identify groups of one, two, three**

**Identify groups zero through seven**

**Identify groups of 8 through 12**

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Identify groups of 11 through 19  
Identify groups of 20 through 29

**Numeration A - Order**

Order numbers 1 through 10  
Order numbers 11 through 19  
Order numbers through 31

**PLATO® Math Expeditions B**

**Numeration B - Number Recognition**

Identify 0-6  
Identify and count 7-12  
Count by fives

**Numeration B - Compare**

Compare numbers through 99

**Numeration B - Order**

Order numbers 1 through 10  
Order numbers through 99

**Numeration B - Place Value**

Identify and write tens to 90  
Identify tens and ones to 99

**PLATO® Math Expeditions C**

**Numeration C - Compare**

Compare numbers through 99

**Numeration C - Order**

Order numbers through 99  
Order numbers through 999

**Numeration C - Place Value**

Identify tens & ones to 99  
Write standard form to 99  
Write standard form to 999

**Numeration C - Round**

Round numbers to nearest ten

**PLATO® Achieve Now Adventures -- Mathematics**

**Cali's Geo Tools; Shape Pad (Level 0)**

**Cali's Geo Tools; Symmetry Easel (Level 0)**

**Cali's Geo Tools; Tangrams (Level 0)**

**Math Gallery—Collection 1; Explore: Base-10 Blocks (Level 0)**

**Math Gallery—Collection 1; Explore: Base-10 Blocks (Level 1)**

**Math Gallery—Collection 1; Explore: Geoboard (Level 0)**

**Math Gallery—Collection 1; Explore: Fraction Strips (Level 0)**

**Math Gallery—Collection 1; Explore: Calculator (Level 0)**

**Math Gallery—Collection 1; Series 10: Geoboard (Levels 1-3)**



- Math Gallery—Collection 1; Series 10: Fraction Strips (Levels 1-3)**
- Math Gallery—Collection 1; Series 10: Calculator (Levels 1-3)**
- Math Gallery—Collection 1; Series 10: Base-10 Blocks (Levels 1-2)**
- Math Gallery—Collection 1; Series 10: Base-10 Blocks (Level 3)**
- Math Gallery—Collection 2; Explore: Time (Level 0)**
- Math Gallery—Collection 2; Explore: Ratio (Level 0)**
- Math Gallery—Collection 2; Explore: Probability (Level 0)**
- Math Gallery—Collection 2; Explore: Money (Level 0)**
- Math Gallery—Collection 2; Series 10: Time (Level 1)**
- Math Gallery—Collection 2; Series 10: Time (Level 2)**
- Math Gallery—Collection 2; Series 10: Time (Level 3)**
- Math Gallery—Collection 2; Series 10: Probability (Levels 1-3)**
- Math Gallery—Collection 2; Series 10: Money (Levels 1-3)**
- Math Gallery—Collection 2; Series 20: Money (Level 2)**
- P.K.'s Place 1—Party on the Patio!; P.K.'s Game Room: Delicious Digits (Level 1)**
- P.K.'s Place 1—Party on the Patio!; P.K.'s Game Room: Delicious Digits (Levels 2-3)**
- The Quaddle Family Mysteries 1/The Case of the Scarce Scarab—Lobby and Kitchen; Kitchen: Snack Machine (Levels 1-3)**
- The Secret of Googol 1a/ Reshaping Googol—The Submarine; Tangrams (Levels 1-3)**
- The Secret of Googol 1b/Reshaping Googol—The Tower; Third Floor, Stained Glass Room: Easel (Level 0)**
- The Secret of Googol 1b/Reshaping Googol—The Tower; Third Floor, Stained Glass Room: Stained Glass (Levels 1-3)**
- The Secret of Googol 1b/Reshaping Googol—The Tower; Fourth Floor, Bakery: Cookie Flips (Level 0)**
- The Secret of Googol 1b/Reshaping Googol—The Tower; Fourth Floor, Bakery: Plate Sorting (Levels 1-3)**
- The Secret of Googol 2a/Reshaping Googol—The Castle; Shape Pad (Levels 1-3)**
- The Secret of Googol 3/The Googol Counting Fair—Midways; Flinch's Midway: Frog Hop Practice (Level 0)**
- The Secret of Googol 3/The Googol Counting Fair—Midways; Flinch's Midway: Frog Hop Game (Levels 1-3)**
- The Secret of Googol 3/The Googol Counting Fair—Midways; Wigsley's Midway: Collect Jewels (Levels 1-3)**
- The Secret of Googol 3/The Googol Counting Fair—Midways; Wigsley's Midway: Go-Cart Race (Levels 1-3)**

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**The Secret of Googol 3/The Googol Counting Fair—Midways; Wigsley's Midway: Odd Bugs (Level 0)**

**The Secret of Googol 4/The Googol Counting Fair—Corral and Fun House; Corral: Feed the Animals (Levels 1-3)**

**The Secret of Googol 4/The Googol Counting Fair—Corral and Fun House; Corral: Water the Animals (Levels 1-3)**

**The Secret of Googol 4/The Googol Counting Fair—Corral and Fun House; Fun House, Candy Room: Candy Machine (Level 0)**

**The Secret of Googol 4/The Googol Counting Fair—Corral and Fun House; Fun House, Clown Room: Clown Costume (Level 0)**

**The Secret of Googol 4/The Googol Counting Fair—Corral and Fun House; Fun House, Clown Room: Concentration Game—Domino and Tally (Level 0)**

**The Secret of Googol 4/The Googol Counting Fair—Corral and Fun House; Fun House, Clown Room: Concentration Game-Words (Level 0)**

**The Secret of Googol 4/The Googol Counting Fair—Corral and Fun House; Fun House, Gears and Gadgets Room: Mystery Number (Levels 1-3)**

**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Party Isle, First Floor: Cake Machine (Level 0)**

**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Party Isle, First Floor: Lost and Found (Level 1)**

**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Party Isle, First Floor: Lost and Found (Levels 2-3)**

**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Party Isle, Second Floor: Birthday Card (Level 1)**

**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Party Isle, Second Floor: Birthday Card (Levels 2-3)**

**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Toy Isle: Arrange Dolls (Levels 1-3)**

**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Toy Isle: Arrange the Drummers (Levels 1-3)**

**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Toy Isle: Price Dolls (Levels 1-3)**

**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Toy Isle: Water Taxi (Levels 1-3)**

**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Toy Isle: Windmills (Levels 1-2)**

**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Toy Isle: Windmills (Level 3)**

**The Secret of Googol 6/Googolfest—Arcade Isle and Moon Feast Isle; Arcade Isle: Banana Grab (Levels 1-3)**



**The Secret of Googol 6/Googolfest—Arcade Isle and Moon Feast Isle; Moon Feast Isle: Floating Market (Levels 1-3)**

**The Secret of Googol 6/Googolfest—Arcade Isle and Moon Feast Isle; Moon Feast Isle: Making Tea (Levels 1-3)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Egg Trek: Eggs Press (Level 1)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Egg Trek: Eggs Press (Level 2)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Egg Trek: Eggs Press (Level 3)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Egg Trek: Eggs Press (Level 4-5)**

**The Secret of Googol 8/Googol Gulch—General Store and Math Arcade; General Store: The Pricing Game (Level 1)**

**The Secret of Googol 8/Googol Gulch—General Store and Math Arcade; General Store: The Pricing Game (Levels 2-3)**

**M.O.I.1.03 identify odd and even numbers to 20 and determine if a set of objects has an odd or even number of elements.**

**PLATO® Math Expeditions A**

**Numeration A - Compare**

**Same, more, fewer**

**One more, one fewer, as many as**

**PLATO® Math Expeditions C**

**Numeration C - Number Recognition**

**Count by twos**

**PLATO® Achieve Now Adventures -- Mathematics**

**The Secret of Googol 3/The Googol Counting Fair—Midways; Wigsley's Midway: Go-Cart Race (Levels 1-3)**

**The Secret of Googol 3/The Googol Counting Fair—Midways; Wigsley's Midway: Odd Bugs (Level 0)**

**M.O.I.1.04 group and count manipulatives by ones, fives, and tens to 100.**

**PLATO® Math Expeditions B**

**Numeration B - Number Recognition**

**Count by fives**

**Numeration B - Place Value**

**Identify and write tens to 90**

**PLATO® Math Expeditions C**

**Numeration C - Number Recognition**

**Count by twos**

**PLATO® Achieve Now Adventures -- Mathematics**

**Cali's Geo Tools; Shape Pad (Level 0)**

**Inspired solutions for teaching and learning™**



- Cali's Geo Tools; Symmetry Easel (Level 0)**
- Cali's Geo Tools; Tangrams (Level 0)**
- Math Gallery—Collection 1; Explore: Base-10 Blocks (Level 0)**
- Math Gallery—Collection 1; Explore: Geoboard (Level 0)**
- Math Gallery—Collection 1; Explore: Fraction Strips (Level 0)**
- Math Gallery—Collection 1; Explore: Calculator (Level 0)**
- Math Gallery—Collection 1; Series 10: Geoboard (Levels 1-3)**
- Math Gallery—Collection 1; Series 10: Fraction Strips (Levels 1-3)**
- Math Gallery—Collection 1; Series 10: Calculator (Levels 1-3)**
- Math Gallery—Collection 1; Series 10: Base-10 Blocks (Levels 1-2)**
- Math Gallery—Collection 1; Series 10: Base-10 Blocks (Level 3)**
- Math Gallery—Collection 2; Explore: Time (Level 0)**
- Math Gallery—Collection 2; Explore: Ratio (Level 0)**
- Math Gallery—Collection 2; Explore: Probability (Level 0)**
- Math Gallery—Collection 2; Explore: Money (Level 0)**
- Math Gallery—Collection 2; Series 10: Time (Level 1)**
- Math Gallery—Collection 2; Series 10: Time (Level 2)**
- Math Gallery—Collection 2; Series 10: Time (Level 3)**
- Math Gallery—Collection 2; Series 10: Probability (Levels 1-3)**
- Math Gallery—Collection 2; Series 10: Money (Levels 1-3)**
- Math Gallery—Collection 2; Series 20: Money (Level 2)**
- P.K.'s Place 1—Party on the Patio!; Hoopo's Patio: Planter Box (Level 0)**
- The Secret of Googol 1a/ Reshaping Googol—The Submarine; Tangrams (Levels 1-3)**
- The Secret of Googol 1b/Reshaping Googol—The Tower; Third Floor, Stained Glass Room: Easel (Level 0)**
- The Secret of Googol 1b/Reshaping Googol—The Tower; Third Floor, Stained Glass Room: Stained Glass (Levels 1-3)**
- The Secret of Googol 1b/Reshaping Googol—The Tower; Fourth Floor, Bakery: Cookie Flips (Level 0)**
- The Secret of Googol 1b/Reshaping Googol—The Tower; Fourth Floor, Bakery: Plate Sorting (Levels 1-3)**
- The Secret of Googol 2a/Reshaping Googol—The Castle; Shape Pad (Levels 1-3)**
- The Secret of Googol 3/The Googol Counting Fair—Midways; Flinch's Midway: Frog Hop Practice (Level 0)**



**The Secret of Googol 3/The Googol Counting Fair—Midways; Flinch's Midway: Frog Hop Game (Levels 1-3)**

**The Secret of Googol 3/The Googol Counting Fair—Midways; Flinch's Midway: Toy Grabber (Levels 1-3)**

**The Secret of Googol 3/The Googol Counting Fair—Midways; Wigsley's Midway: Collect Jewels (Levels 1-3)**

**The Secret of Googol 3/The Googol Counting Fair—Midways; Wigsley's Midway: Recharge Power (Levels 1-3)**

**The Secret of Googol 3/The Googol Counting Fair—Midways; Wigsley's Midway: Tokens (Levels 1-3)**

**The Secret of Googol 4/The Googol Counting Fair—Corral and Fun House; Corral: Count the Animals (Levels 1-3)**

**The Secret of Googol 4/The Googol Counting Fair—Corral and Fun House; Fun House, Clown Room: Clown Costume (Level 0)**

**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Party Isle, Second Floor: Embroidery Machine (Levels 1-3)**

**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Party Isle, Second Floor: Piñata (Level 1)**

**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Party Isle, Second Floor: Piñata (Levels 2-3)**

**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Toy Isle: Arrange Dolls (Levels 1-3)**

**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Toy Isle: Arrange the Drummers (Levels 1-3)**

**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Toy Isle: Trumpeters Show (Levels 1-3)**

**The Secret of Googol 6/Googolfest—Arcade Isle and Moon Feast Isle; Arcade Isle: Banana Grab (Levels 1-3)**

**The Secret of Googol 6/Googolfest—Arcade Isle and Moon Feast Isle; Moon Feast Isle: Cooking (Levels 1-3)**

**The Secret of Googol 6/Googolfest—Arcade Isle and Moon Feast Isle; Moon Feast Isle: Shopping List (Levels 1-3)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Egg Trek: Eggs Press (Level 1)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Egg Trek: Eggs Press (Level 2)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Egg Trek: Eggs Press (Level 3)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Egg Trek: Eggs Press (Level 4-5)**



**M.O.I.1.05 model and identify place value of each digit utilizing standard and expanded form to 100.**

**PLATO® Math Expeditions B**

**Numeration B - Place Value**

**Identify and write tens to 90**

**Identify tens and ones to 99**

**Number Operations B - Addition**

**Add two 2-digit numbers**

**PLATO® Math Expeditions C**

**Numeration C - Place Value**

**Identify tens & ones to 99**

**Write standard form to 99**

**Write standard form to 999**

**Number Operations C - Subtraction**

**Renaming readiness**

**PLATO® Achieve Now Adventures -- Mathematics**

**Math Gallery—Collection 1; Explore: Base-10 Blocks (Level 0)**

**Math Gallery—Collection 1; Series 10: Base-10 Blocks (Levels 1-2)**

**Math Gallery—Collection 1; Series 10: Base-10 Blocks (Level 3)**

**P.K.'s Place 1—Party on the Patio!; Daphne's Studio: Battery Charger, Big Charge (Levels 1-3)**

**The Secret of Googol 3/The Googol Counting Fair—Midways; Flinch's Midway: Marble Mania (Level 0)**

**The Secret of Googol 3/The Googol Counting Fair—Midways; Wigsley's Midway: Tokens (Levels 1-3)**

**The Secret of Googol 4/The Googol Counting Fair—Corral and Fun House; Fun House, Candy Room: Candy Machine (Level 0)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Balloon Picnic: Picnic Basket (Levels 4-5)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Egg Trek: Eggs Press (Level 1)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Egg Trek: Eggs Press (Level 2)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Egg Trek: Eggs Press (Level 3)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Egg Trek: Eggs Press (Level 4-5)**

**The Secret of Googol 8/Googol Gulch—General Store and Math Arcade; General Store: The Pricing Game (Levels 2-3)**

**The Secret of Googol 8/Googol Gulch—General Store and Math Arcade; Math Arcade: The Piano (Levels 1-4)**

**Inspired solutions for teaching and learning™**



The Secret of Googol 8/Googol Gulch—General Store and Math Arcade; Math Arcade: The Piano (Level 5)

**M.O.I.1.06 round any two-digit number to the nearest 10.**

PLATO® Math Expeditions C  
Numeration C - Round  
Round numbers to nearest ten

**M.O.I.1.07 use ordinal numbers 1st - 20th to identify position in a sequence .**

PLATO® Math Expeditions A  
Numeration A - Ordinals  
Identify ordinals through fifth

PLATO® Math Expeditions B  
Numeration B - Ordinals  
Identify ordinals through tenth

PLATO® Math Expeditions C  
Numeration C - Ordinals  
Identify ordinals to twentieth

PLATO® Achieve Now Adventures -- Mathematics  
The Secret of Googol 4/The Googol Counting Fair—Corral and Fun House; Fun House, Gears and Gadgets Room: Floating Numerals (Level 0)

**M.O.I.1.08 estimate the number of objects in a group of 100 or less and count to evaluate reasonableness of estimate.**

PLATO® Achieve Now Adventures -- Mathematics  
P.K.'s Place 1—Party on the Patio!; P.K.'s Game Room: Delicious Digits (Level 1)  
P.K.'s Place 1—Party on the Patio!; P.K.'s Game Room: Delicious Digits (Levels 2-3)

**M.O.I.1.09 identify, name, and explain why a given part is a half, third or fourth of a whole or part of a group, using concrete models.**

PLATO® Math Expeditions A  
Fractions A - Fractions  
Equal parts of whole and one half

PLATO® Math Expeditions B  
Fractions B - Fractions  
Identify  $1/2$ ,  $1/3$  &  $1/4$

PLATO® Math Expeditions C  
Fractions C - Fractions  
Halves, thirds, fourths, tenths

PLATO® Achieve Now Adventures -- Mathematics  
Math Gallery—Collection 1; Explore: Fraction Strips (Level 0)  
Math Gallery—Collection 1; Series 10: Fraction Strips (Levels 1-3)



**M.O.I.I.10 use concrete objects to model the addition of two or three addends and subtraction of whole numbers related to sums less than 18 and write the corresponding number sentence.**

**PLATO® Math Expeditions A**

**Module: Number Operations A - Addition: Skill Activity: Join two groups & give total**

**Number Operations A - Addition  
Add two numbers: sums to 6**

**Number Operations A - Subtraction  
Remove objects from group  
Subtract numbers through 9**

**PLATO® Math Expeditions B**

**Number Operations B - Addition  
Add two numbers with sums to 10  
Add with zero  
Add two numbers with sums to 12  
Add two 2-digit numbers**

**Number Operations B - Subtraction  
Subtract numbers through 7  
Subtract with zero  
Subtract numbers 9, 10, 11, 12  
Subtract numbers 13 through 18**

**PLATO® Math Expeditions C**

**Number Operations C - Addition  
Add two numbers with sums to 10  
Add two numbers with sums to 12  
Add two numbers with sums to 18**

**Number Operations C - Subtraction  
Subtract numbers through 12  
Subtract numbers through 18**

**PLATO® Achieve Now Adventures -- Mathematics**

**Math Gallery—Collection 1; Series 10: Calculator (Levels 1-3)**

**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Party Isle, First Floor: Disk Game (Level 1)**

**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Party Isle, First Floor: Disk Game (Levels 2-3)**

**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Party Isle, First Floor: Lost and Found (Level 1)**

**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Party Isle, First Floor: Lost and Found (Levels 2-3)**

**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Party Isle, Second Floor: Birthday Card (Levels 2-3)**



**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Party Isle, Second Floor: Embroidery Machine (Levels 1-3)**

**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Party Isle, Second Floor: Piñata (Level 1)**

**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Party Isle, Second Floor: Piñata (Levels 2-3)**

**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Toy Isle: Build a Doll (Levels 1-3)**

**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Toy Isle: Water Taxi (Levels 1-3)**

**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Toy Isle: What's Inside a Doll? (Levels 1-3)**

**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Toy Isle: Windmills (Levels 1-2)**

**The Secret of Googol 6/Googolfest—Arcade Isle and Moon Feast Isle; Arcade Isle: Banana Grab (Levels 1-3)**

**The Secret of Googol 6/Googolfest—Arcade Isle and Moon Feast Isle; Arcade Isle: Crane Game (Levels 1-3)**

**The Secret of Googol 6/Googolfest—Arcade Isle and Moon Feast Isle; Arcade Isle: Falling Drums (Level 1)**

**The Secret of Googol 6/Googolfest—Arcade Isle and Moon Feast Isle; Arcade Isle: Falling Drums (Levels 2-3)**

**The Secret of Googol 6/Googolfest—Arcade Isle and Moon Feast Isle; Moon Feast Isle: Cooking (Levels 1-3)**

**The Secret of Googol 6/Googolfest—Arcade Isle and Moon Feast Isle; Moon Feast Isle: Shopping List (Levels 1-3)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Balloon Picnic: Balloon Machine (Levels 1-2)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Balloon Picnic: Balloon Machine (Levels 3-4)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Balloon Picnic: Egg Surprise (Level 2)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Balloon Picnic: Egg Surprise (Level 3)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Balloon Picnic: Egg Surprise (Level 4)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Balloon Picnic: Picnic Basket (Levels 1-2)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Egg Trek: Eggs Press (Level 1)**



**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Egg Trek: Eggs Press (Level 3)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Egg Trek: Eggs Press (Level 4-5)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Egg Trek: Eggs Spin (Levels 1-2)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Egg Trek: Eggs Spin (Level 3)**

**The Secret of Googol 8/Googol Gulch—General Store and Math Arcade; General Store: The Auction (Level 1)**

**The Secret of Googol 8/Googol Gulch—General Store and Math Arcade; General Store: The Auction (Level 2)**

**The Secret of Googol 8/Googol Gulch—General Store and Math Arcade; Math Arcade: Bull's-eye (Level 1)**

**The Secret of Googol 8/Googol Gulch—General Store and Math Arcade; Math Arcade: Horseshoe Toss (Level 1)**

**The Secret of Googol 8/Googol Gulch—General Store and Math Arcade; Math Arcade: Horseshoe Toss (Levels 2-4)**

**The Secret of Googol 8/Googol Gulch—General Store and Math Arcade; Math Arcade: Pick the Pattern (Level 1)**

**The Secret of Googol 8/Googol Gulch—General Store and Math Arcade; Math Arcade: Pick the Pattern (Levels 2-3)**

**The Secret of Googol 8/Googol Gulch—General Store and Math Arcade; Math Arcade: The Sum-It-Up Machine (Level 1)**

**The Secret of Googol 8/Googol Gulch—General Store and Math Arcade; Math Arcade: The Sum-It-Up Machine (Levels 2-4)**

**The Secret of Googol 8/Googol Gulch—General Store and Math Arcade; Math Arcade: The Sum-It-Up Machine (Level 5)**

**M.O.I.I.I model operations, addition and subtraction, and the relationship between addition and subtraction (e.g., identity element of addition, commutative property, fact families, inverse operations) using concrete objects.**

**PLATO® Math Expeditions A**

**Module: Number Operations A - Addition: Skill Activity: Join two groups & give total**

**Number Operations A - Addition**

**Add two numbers: sums to 6**

**Number Operations A - Subtraction**

**Remove objects from group**

**Subtract numbers through 9**



**PLATO® Math Expeditions B**

**Number Operations B - Addition**

**Add with zero**

**Add two numbers with sums to 12**

**Add two 2-digit numbers**

**Number Operations B - Subtraction**

**Subtract numbers through 7**

**Subtract with zero**

**Subtract numbers 9, 10, 11, 12**

**PLATO® Math Expeditions C**

**Number Operations C - Addition**

**Add two numbers with sums to 10**

**Add two numbers with sums to 12**

**Add two numbers with sums to 18**

**Number Operations C - Subtraction**

**Subtract numbers through 12**

**Subtract numbers through 18**

**PLATO® Achieve Now Adventures -- Mathematics**

**Math Gallery—Collection 1; Series 10: Calculator (Levels 1-3)**

**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Party Isle, First Floor: Disk Game (Level 1)**

**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Party Isle, First Floor: Lost and Found (Level 1)**

**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Party Isle, First Floor: Lost and Found (Levels 2-3)**

**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Party Isle, Second Floor: Embroidery Machine (Levels 1-3)**

**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Party Isle, Second Floor: Piñata (Level 1)**

**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Party Isle, Second Floor: Piñata (Levels 2-3)**

**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Toy Isle: Water Taxi (Levels 1-3)**

**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Toy Isle: Windmills (Levels 1-2)**

**The Secret of Googol 6/Googolfest—Arcade Isle and Moon Feast Isle; Arcade Isle: Banana Grab (Levels 1-3)**

**The Secret of Googol 6/Googolfest—Arcade Isle and Moon Feast Isle; Arcade Isle: Crane Game (Levels 1-3)**

**The Secret of Googol 6/Googolfest—Arcade Isle and Moon Feast Isle; Arcade Isle: Falling Drums (Level 1)**

**The Secret of Googol 6/Googolfest—Arcade Isle and Moon Feast Isle; Arcade Isle: Falling Drums (Levels 2-3)**



**The Secret of Googol 6/Googolfest—Arcade Isle and Moon Feast Isle; Moon Feast Isle: Cooking (Levels 1-3)**

**The Secret of Googol 6/Googolfest—Arcade Isle and Moon Feast Isle; Moon Feast Isle: Shopping List (Levels 1-3)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Balloon Picnic: Balloon Machine (Levels 1-2)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Balloon Picnic: Balloon Machine (Levels 3-4)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Balloon Picnic: Balloon Machine (Level 5)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Egg Trek: Eggs Press (Level 1)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Egg Trek: Eggs Press (Level 3)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Egg Trek: Eggs Press (Level 4-5)**

**M.O.I.1.12 quick recall of basic addition facts with sums to 10 and corresponding subtraction facts.**

**PLATO® Math Expeditions A**

**Module: Number Operations A - Addition: Skill Activity: Join two groups & give total**

**Number Operations A - Addition  
Add two numbers: sums to 6**

**Number Operations A - Subtraction  
Remove objects from group  
Subtract numbers through 9**

**PLATO® Math Expeditions B**

**Number Operations B - Addition  
Add two numbers with sums to 10  
Add with zero  
Add two numbers with sums to 12**

**Number Operations B - Subtraction  
Subtract numbers through 7  
Subtract with zero  
Subtract numbers 9, 10, 11, 12  
Subtract numbers 13 through 18**

**PLATO® Math Expeditions C**

**Number Operations C - Addition  
Add two numbers with sums to 10  
Add two numbers with sums to 12  
Add two numbers with sums to 18**



**Number Operations C - Subtraction**

**Subtract numbers through 12**

**Subtract numbers through 18**

**PLATO® Achieve Now Adventures -- Mathematics**

**Math Gallery—Collection 1; Series 10: Calculator (Levels 1-3)**

**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Party Isle, First Floor: Disk Game (Levels 2-3)**

**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Party Isle, First Floor: Lost and Found (Level 1)**

**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Party Isle, First Floor: Lost and Found (Levels 2-3)**

**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Party Isle, Second Floor: Birthday Card (Levels 2-3)**

**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Party Isle, Second Floor: Piñata (Level 1)**

**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Party Isle, Second Floor: Piñata (Levels 2-3)**

**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Toy Isle: Build a Doll (Levels 1-3)**

**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Toy Isle: What's Inside a Doll? (Levels 1-3)**

**The Secret of Googol 6/Googolfest—Arcade Isle and Moon Feast Isle; Arcade Isle: Falling Drums (Level 1)**

**The Secret of Googol 6/Googolfest—Arcade Isle and Moon Feast Isle; Arcade Isle: Falling Drums (Levels 2-3)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Balloon Picnic: Balloon Machine (Levels 1-2)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Balloon Picnic: Balloon Machine (Levels 3-4)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Balloon Picnic: Egg Surprise (Level 2)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Balloon Picnic: Egg Surprise (Level 3)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Balloon Picnic: Egg Surprise (Level 4)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Balloon Picnic: Picnic Basket (Levels 1-2)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Egg Trek: Eggs Spin (Levels 1-2)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Egg Trek: Eggs Spin (Level 3)**



**The Secret of Googol 8/Googol Gulch—General Store and Math Arcade; General Store: The Auction (Level 1)**

**The Secret of Googol 8/Googol Gulch—General Store and Math Arcade; General Store: The Auction (Level 2)**

**The Secret of Googol 8/Googol Gulch—General Store and Math Arcade; Math Arcade: Bull's-eye (Level 1)**

**The Secret of Googol 8/Googol Gulch—General Store and Math Arcade; Math Arcade: Horseshoe Toss (Level 1)**

**The Secret of Googol 8/Googol Gulch—General Store and Math Arcade; Math Arcade: Horseshoe Toss (Levels 2-4)**

**The Secret of Googol 8/Googol Gulch—General Store and Math Arcade; Math Arcade: Pick the Pattern (Level 1)**

**The Secret of Googol 8/Googol Gulch—General Store and Math Arcade; Math Arcade: Pick the Pattern (Levels 2-3)**

**The Secret of Googol 8/Googol Gulch—General Store and Math Arcade; Math Arcade: The Sum-It-Up Machine (Level 1)**

**The Secret of Googol 8/Googol Gulch—General Store and Math Arcade; Math Arcade: The Sum-It-Up Machine (Levels 2-4)**

**The Secret of Googol 8/Googol Gulch—General Store and Math Arcade; Math Arcade: The Sum-It-Up Machine (Level 5)**

**M.O.I.1.13 model and solve 2-digit addition and subtraction without regrouping.**

**PLATO® Math Expeditions B**

**Number Operations B - Addition**

**Add two numbers with sums to 10**

**Add two 2-digit numbers**

**Number Operations B - Subtraction**

**Subtract with two 2-digit numbers**

**PLATO® Math Expeditions C**

**Number Operations C - Addition**

**Add a 1-digit to a 2-digit number**

**Add two 2-digits**

**Add two 2-digits using money**

**Number Operations C - Subtraction**

**Subtract numbers through 12**

**Subtract numbers through 18**

**Subtract 2-digit numbers**

**Subtract two 2-digits**

**Subtract with money**

**Subtract 3-digit numbers**



**PLATO® Achieve Now Adventures -- Mathematics**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Balloon Picnic: Egg Surprise (Level 1)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Balloon Picnic: Egg Surprise (Level 2)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Balloon Picnic: Egg Surprise (Level 3)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Balloon Picnic: Egg Surprise (Level 4)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Balloon Picnic: Egg Surprise (Level 5)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Balloon Picnic: Picnic Basket (Levels 1-2)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Balloon Picnic: Picnic Basket (Levels 3)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Balloon Picnic: Picnic Basket (Levels 4-5)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Egg Trek: Eggs Press (Level 1)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Egg Trek: Eggs Press (Level 2)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Egg Trek: Eggs Spin (Levels 1-2)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Egg Trek: Eggs Spin (Level 3)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Egg Trek: Eggs Spin (Levels 4-5)**

**The Secret of Googol 8/Googol Gulch—General Store and Math Arcade; General Store: The Auction (Level 1)**

**The Secret of Googol 8/Googol Gulch—General Store and Math Arcade; General Store: The Auction (Level 2)**

**The Secret of Googol 8/Googol Gulch—General Store and Math Arcade; General Store: The Auction (Level 3)**

**The Secret of Googol 8/Googol Gulch—General Store and Math Arcade; General Store: The Auction (Level 4)**

**The Secret of Googol 8/Googol Gulch—General Store and Math Arcade; Math Arcade: Bull's-eye (Level 2)**

**The Secret of Googol 8/Googol Gulch—General Store and Math Arcade; Math Arcade: Bull's-eye (Levels 3-5)**

**The Secret of Googol 8/Googol Gulch—General Store and Math Arcade; Math Arcade: Horseshoe Toss (Levels 2-4)**



**The Secret of Googol 8/Googol Gulch—General Store and Math Arcade; Math Arcade: Horseshoe Toss (Level 5)**

**The Secret of Googol 8/Googol Gulch—General Store and Math Arcade; Math Arcade: The Sum-It-Up Machine (Levels 2-4)**

**The Secret of Googol 8/Googol Gulch—General Store and Math Arcade; Math Arcade: The Sum-It-Up Machine (Level 5)**

**M.O.I.1.14 create grade-appropriate picture and story problems using a variety of strategies (with and without technology), present solutions and justify results.**

**PLATO® Math Expeditions A  
Number Operations A - Subtraction  
Remove objects from group  
Subtract numbers through 9**

**PLATO® Math Expeditions B  
Number Operations B - Subtraction  
Subtract numbers 9, 10, 11, 12  
Subtract with two 2-digit numbers**

**PLATO® Achieve Now Adventures -- Mathematics  
Math Gallery—Collection 1; Series 10: Calculator (Levels 1-3)**

**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Party Isle, First Floor: Lost and Found (Level 1)**

**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Party Isle, First Floor: Lost and Found (Levels 2-3)**

**The Secret of Googol 6/Googolfest—Arcade Isle and Moon Feast Isle; Moon Feast Isle: Cash Register (Levels 1-3)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Balloon Picnic: Telephone Game (Levels 2-5)**

**The Secret of Googol 8/Googol Gulch—General Store and Math Arcade; General Store: The Auction (Level 2)**

**The Secret of Googol 8/Googol Gulch—General Store and Math Arcade; General Store: The Auction (Level 3)**

**The Secret of Googol 8/Googol Gulch—General Store and Math Arcade; General Store: The Auction (Level 4)**

**The Secret of Googol 8/Googol Gulch—General Store and Math Arcade; General Store: The Auction (Level 5)**

**The Secret of Googol 8/Googol Gulch—General Store and Math Arcade; General Store: The Buying Game (Level 1)**

**The Secret of Googol 8/Googol Gulch—General Store and Math Arcade; General Store: The Buying Game (Levels 2-3)**

**The Secret of Googol 8/Googol Gulch—General Store and Math Arcade; General Store: The Buying Game (Levels 4-5)**



**The Secret of Googol 8/Googol Gulch—General Store and Math Arcade; General Store: The Pricing Game (Level 1)**

**The Secret of Googol 8/Googol Gulch—General Store and Math Arcade; General Store: The Pricing Game (Levels 2-3)**

**The Secret of Googol 8/Googol Gulch—General Store and Math Arcade; General Store: The Selling Game (Level 1)**

**The Secret of Googol 8/Googol Gulch—General Store and Math Arcade; General Store: The Selling Game (Levels 2-3)**

**The Secret of Googol 8/Googol Gulch—General Store and Math Arcade; General Store: The Selling Game (Levels 4-5)**

## **Standard 2: Algebra**

**M.O.1.2.1 sort and classify objects by more than one attribute, using various strategies, including Venn Diagrams.**

**PLATO® Math Expeditions A**

**Numeration A - Classify**

**Identify objects: same size**

**Identify objects: same color/shape**

**PLATO® Achieve Now Adventures -- Mathematics**

**The Secret of Googol 1b/Reshaping Googol—The Tower; Fourth Floor, Bakery: Plate Sorting (Levels 1-3)**

**The Secret of Googol 2a/Reshaping Googol—The Castle; Second Room: Nesting Shapes (Level 0)**

**The Secret of Googol 3/The Googol Counting Fair—Midways; Wigsley's Midway: Bug Groups (Level 0)**

**M.O.1.2.2 determine the rule or give the output given an input/output model using addition or subtraction.**

**PLATO Modules are not available for this learning expectation.**

**M.O.1.2.3 identify and write number patterns by 2's, 5's, and 10's.**

**PLATO® Achieve Now Adventures -- Mathematics**

**The Secret of Googol 3/The Googol Counting Fair—Midways; Wigsley's Midway: Collect Jewels (Levels 1-3)**

**The Secret of Googol 3/The Googol Counting Fair—Midways; Wigsley's Midway: Go-Cart Race (Levels 1-3)**

**The Secret of Googol 3/The Googol Counting Fair—Midways; Wigsley's Midway: Odd Bugs (Level 0)**

**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Toy Isle: Water Taxi (Levels 1-3)**

**M.O.1.2.4 create and analyze number patterns based on real-life situations using words, AB form, and T-charts and present results.**



**PLATO® Achieve Now Adventures -- Mathematics**

**The Secret of Googol 3/The Googol Counting Fair—Midways; Wigsley's Midway: Collect Jewels (Levels 1-3)**

**The Secret of Googol 3/The Googol Counting Fair—Midways; Wigsley's Midway: Go-Cart Race (Levels 1-3)**

**The Secret of Googol 3/The Googol Counting Fair—Midways; Wigsley's Midway: Odd Bugs (Level 0)**

**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Toy Isle: Water Taxi (Levels 1-3)**

**M.O.1.2.5 use concrete materials to demonstrate that the quantities on both sides of a grade-appropriate number sentence are equivalent.**

**PLATO® Achieve Now Adventures -- Mathematics**

**The Secret of Googol 3/The Googol Counting Fair—Midways; Flinch's Midway: Number-Crunching Machine (Levels 1-3)**

**The Secret of Googol 6/Googolfest—Arcade Isle and Moon Feast Isle; Arcade Isle: Banana Grab (Levels 1-3)**

**The Secret of Googol 8/Googol Gulch—General Store and Math Arcade; Math Arcade: Bull's-eye (Level 1)**

**The Secret of Googol 8/Googol Gulch—General Store and Math Arcade; Math Arcade: Bull's-eye (Level 2)**

**The Secret of Googol 8/Googol Gulch—General Store and Math Arcade; Math Arcade: Bull's-eye (Levels 3-5)**

**Standard 3: Geometry**

**M.O.1.3.1 draw, label, and sort • circle, • rectangles including squares, • triangles, and according to sides and vertices**

**PLATO® Math Expeditions A**

**Geometry A - Geometry  
Circles, squares, triangles**

**PLATO® Math Expeditions B**

**Geometry B - Geometry  
Triangles/rectangles/circles**

**PLATO® Math Expeditions C**

**Geometry C - Geometry  
Identify plane shapes**

**M.O.1.3.2 use physical materials to construct, identify, and classify three-dimensional figures: • cube • cone • sphere • rectangular solid • pyramid • cylinder**

**PLATO® Math Expeditions B**

**Geometry B - Geometry  
Cubes/cylinders/spheres/cones**



**PLATO® Math Expeditions C**  
**Geometry C - Geometry**  
Identify solid shapes

**M.O.1.3.3 recognize three-dimensional shapes in the environment.**

**PLATO® Math Expeditions B**  
**Geometry B - Geometry**  
Cubes/cylinders/spheres/cones

**PLATO® Math Expeditions C**  
**Geometry C - Geometry**  
Identify solid shapes

**M.O.1.3.4 draw and identify • open and closed figures • congruent plane shapes**

**PLATO® Achieve Now Adventures -- Mathematics**  
Cali's Geo Tools; Shape Pad (Level 0)

Math Gallery—Collection 1; Explore: Geoboard (Level 0)

Math Gallery—Collection 1; Series 10: Geoboard (Levels 1-3)

The Secret of Googol 2a/Reshaping Googol—The Castle; Shape Pad (Levels 1-3)

**M.O.1.3.5 create and describe simple symmetrical designs**

**PLATO® Math Expeditions A**  
**Geometry A - Geometry**  
Circles, squares, triangles

**PLATO® Math Expeditions B**  
**Geometry B - Geometry**  
Triangles/rectangles/circles

**PLATO® Math Expeditions C**  
**Geometry C - Geometry**  
Identify plane shapes

**PLATO® Achieve Now Adventures -- Mathematics**  
Cali's Geo Tools; Symmetry Easel (Level 0)

The Secret of Googol 1b/Reshaping Googol—The Tower; Third Floor, Stained Glass Room: Concentration Game (Level 0)

The Secret of Googol 1b/Reshaping Googol—The Tower; Third Floor, Stained Glass Room: Easel (Level 0)

The Secret of Googol 1b/Reshaping Googol—The Tower; Third Floor, Stained Glass Room: Stained Glass (Levels 1-3)

**M.O.1.3.6 describe spatial relationships: over/under, left/right.**

**PLATO® Achieve Now Adventures -- Mathematics**  
The Secret of Googol 2a/Reshaping Googol—The Castle; First Room: Extrude and Lathe (Level 0)



The Secret of Googol 2a/Reshaping Googol—The Castle; First Room: Unfold Shapes (Level 0)

The Secret of Googol 2a/Reshaping Googol—The Castle; First Room: Wall Pictures (Level 0)

The Secret of Googol 2a/Reshaping Googol—The Castle; Second Room: Nesting Shapes (Level 0)

**M.O.1.3.7 find and name locations on a first-quadrant grid.**

**PLATO® Math Expeditions A**

**Numeration A - Position**

Locate objects: inside, outside, on

Locate objects: left, right

Locate objects: before, after, between

Locate objects: nearest, farthest

Locate objects: above, below

**PLATO® Achieve Now Adventures -- Mathematics**

The Secret of Googol 2a/Reshaping Googol—The Castle; Second Room: Dart Game (Level 0)

**M.O.1.3.8 predict the result of combining or decomposing two or more two- dimensional/three-dimensional shapes.**

**PLATO® Achieve Now Adventures -- Mathematics**

Cali's Geo Tools; Tangrams (Level 0)

**Standard 4: Measurement**

**M.O.1.4.1 estimate, measure, compare and order using customary, metric, and nonstandard units to determine length to nearer whole unit.**

**PLATO® Math Expeditions A**

**Measurement A - Length**

Length using informal units

**Measurement A - Mass, Weight**

Objects - heavier?

**Measurement A - Capacity**

Which holds more or less?

**PLATO® Math Expeditions B**

**Measurement B - Length**

Measure with an inch ruler

**Measurement B - Mass, Weight**

Measure weight

**PLATO® Math Expeditions C**

**Measurement C - Length**

Identify units of length

**Measurement C - Capacity**

Identify units of capacity



**PLATO® Achieve Now Adventures -- Mathematics**  
**Math Gallery—Collection 2; Series 10: Money (Levels 1-3)**

**The Quaddle Family Mysteries 1/The Case of the Scarce Scarab—Lobby and Kitchen; Kitchen: Snack Machine (Levels 1-3)**

**The Secret of Googol 3/The Googol Counting Fair—Midways; Wigsley's Midway: Scale (Level 0)**

**M.O.1.4.2 select appropriate units and tools to measure and compare two objects or events according to one or more of the following attributes: length height weight temperature volume justify selection of units and tools used to measure the attributes and present results.**

**PLATO® Math Expeditions A**

**Measurement A - Length**  
**Length using informal units**

**Measurement A - Mass, Weight**  
**Objects - heavier?**

**Measurement A - Capacity**  
**Which holds more or less?**

**PLATO® Math Expeditions B**

**Measurement B - Length**  
**Measure with an inch ruler**

**Measurement B - Mass, Weight**  
**Measure weight**

**Measurement B - Capacity**  
**Convert cups, pints, quarts**

**PLATO® Math Expeditions C**

**Measurement C - Length**  
**Identify units of length**

**Measurement C - Mass, Weight**  
**Metric units of mass**

**Measurement C - Capacity**  
**Identify units of capacity**

**PLATO® Achieve Now Adventures -- Mathematics**  
**Math Gallery—Collection 2; Series 10: Money (Levels 1-3)**

**The Quaddle Family Mysteries 1/The Case of the Scarce Scarab—Lobby and Kitchen; Kitchen: Cookbook (Levels 2-3)**

**The Quaddle Family Mysteries 1/The Case of the Scarce Scarab—Lobby and Kitchen; Kitchen: QTV/Radio (Level 0)**

**The Quaddle Family Mysteries 1/The Case of the Scarce Scarab—Lobby and Kitchen; Kitchen: Snack Machine (Levels 1-3)**

**The Quaddle Family Mysteries 1/The Case of the Scarce Scarab—Lobby and Kitchen; Lobby: Postal Scale (Levels 1-3)**

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The Secret of Googol 3/The Googol Counting Fair—Midways; Wigsley's Midway:  
Scale (Level 0)

**M.O.I.4.3 use calendar to identify date, sequence of days of the week, and months of the year.**

PLATO Modules are not available for this learning expectation.

**M.O.I.4.4 explain time concept in context of personal experience.**

PLATO® Achieve Now Adventures -- Mathematics  
Math Gallery—Collection 2; Series 10: Time (Level 1)  
Math Gallery—Collection 2; Series 10: Time (Level 2)  
Math Gallery—Collection 2; Series 10: Time (Level 3)

**M.O.I.4.5 read time to the half hour using an analog and digital clock.**

PLATO® Math Expeditions B  
Time B - Time  
Tell time to the half hour

PLATO® Achieve Now Adventures -- Mathematics  
Math Gallery—Collection 2; Series 10: Time (Level 2)

**M.O.I.4.6 identify, count, trade and organize the following coins and bill to display a variety of price values from real-life examples with a total value of 100 cents or less. • penny • nickel • dime • quarter • dollar bill**

PLATO® Math Expeditions A  
Money A - Money  
Identify value penny, nickel, dime

PLATO® Math Expeditions B  
Money B - Money  
Identify coins to 99 cents

PLATO® Math Expeditions C  
Money C - Money  
Compare money to \$2.00

PLATO® Achieve Now Adventures -- Mathematics  
Math Gallery—Collection 2; Series 10: Money (Levels 1-3)  
Math Gallery—Collection 2; Series 20: Money (Level 2)

## **Standard 5: Data Analysis and Probability**

**M.O.I.5.1 collect, sort, organize, and draw conclusions about data using a bar graph and a pictograph.**

PLATO® Math Expeditions B  
Graphs B - Graphs  
Solve problems: use a bar graph



**PLATO® Math Expeditions C**

**Graphs C - Graphs**

Solve problems: pictographs

**PLATO® Achieve Now Adventures -- Mathematics**

**Math Gallery—Collection 2; Explore: Probability (Level 0)**

**Math Gallery—Collection 2; Series 10: Probability (Levels 1-3)**

**P.K.'s Place 1—Party on the Patio!; Hoopo's Patio: Planter Box (Level 0)**

**The Secret of Googol 4/The Googol Counting Fair—Corral and Fun House; Corral: Groom the Animals (Level 0)**

**M.O.1.5.2 conduct simple experiments, record data on a tally chart or table and use the data to predict which of the events is more likely or less likely to occur if the experiment is repeated.**

**PLATO® Achieve Now Adventures -- Mathematics**

**P.K.'s Place 1—Party on the Patio!; Hoopo's Patio: Planter Box (Level 0)**

**Grade 02**

**Standard 1: Number and Operations**

**M.O.2.1.01 read, write, order, and compare numbers to 1,000 using multiple strategies (e.g. symbols, manipulatives, number line).**

**PLATO® Math Expeditions B**

**Numeration B - Number Recognition**

Identify 0-6

Identify and count 7-12

Count by fives

**Numeration B - Compare**

Compare numbers through 99

**Numeration B - Order**

Order numbers 1 through 10

Order numbers through 99

**Numeration B - Place Value**

Identify and write tens to 90

Identify tens and ones to 99

**PLATO® Math Expeditions C**

**Numeration C - Number Recognition**

Count by twos

**Numeration C - Compare**

Compare numbers through 99

**Numeration C - Order**

Order numbers through 99

Order numbers through 999

**Numeration C - Place Value**

Identify tens & ones to 99

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**Write standard form to 99**  
**Write standard form to 999**

**Numeration C - Round**  
**Round numbers to nearest ten**

**PLATO® Math Expeditions D**

**Numeration D - Compare**  
**Compare numbers to 999**  
**Compare numbers to 9999**

**Numeration D - Order**  
**Order numbers to 999**  
**Order numbers to 9999**

**Numeration D - Place Value**  
**Write standard form to 999**  
**Write standard form to 9999**  
**Write standard form to 999,999**

**PLATO® Achieve Now Adventures -- Mathematics**

**Cali's Geo Tools; Shape Pad (Level 0)**

**Cali's Geo Tools; Symmetry Easel (Level 0)**

**Cali's Geo Tools; Tangrams (Level 0)**

**Math Gallery—Collection 1; Explore: Base-10 Blocks (Level 0)**

**Math Gallery—Collection 1; Explore: Geoboard (Level 0)**

**Math Gallery—Collection 1; Explore: Fraction Strips (Level 0)**

**Math Gallery—Collection 1; Explore: Calculator (Level 0)**

**Math Gallery—Collection 1; Series 10: Geoboard (Levels 1-3)**

**Math Gallery—Collection 1; Series 10: Fraction Strips (Levels 1-3)**

**Math Gallery—Collection 1; Series 10: Calculator (Levels 1-3)**

**Math Gallery—Collection 1; Series 10: Base-10 Blocks (Levels 1-2)**

**Math Gallery—Collection 1; Series 10: Base-10 Blocks (Level 3)**

**Math Gallery—Collection 2; Explore: Time (Level 0)**

**Math Gallery—Collection 2; Explore: Ratio (Level 0)**

**Math Gallery—Collection 2; Explore: Probability (Level 0)**

**Math Gallery—Collection 2; Explore: Money (Level 0)**

**Math Gallery—Collection 2; Series 10: Time (Level 1)**

**Math Gallery—Collection 2; Series 10: Time (Level 2)**

**Math Gallery—Collection 2; Series 10: Time (Level 3)**

**Math Gallery—Collection 2; Series 10: Probability (Levels 1-3)**

**Math Gallery—Collection 2; Series 10: Money (Levels 1-3)**

**Math Gallery—Collection 2; Series 20: Money (Level 2)**

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- P.K.'s Place I—Party on the Patio!; Hoopo's Patio: Planter Box (Level 0)**
- P.K.'s Place I—Party on the Patio!; P.K.'s Game Room: Delicious Digits (Level 1)**
- P.K.'s Place I—Party on the Patio!; P.K.'s Game Room: Delicious Digits (Levels 2-3)**
- The Quaddle Family Mysteries I/The Case of the Scarce Scarab—Lobby and Kitchen; Kitchen: Snack Machine (Levels 1-3)**
- The Secret of Googol 1a/ Reshaping Googol—The Submarine; Tangrams (Levels 1-3)**
- The Secret of Googol 1b/Reshaping Googol—The Tower; Third Floor, Stained Glass Room: Easel (Level 0)**
- The Secret of Googol 1b/Reshaping Googol—The Tower; Third Floor, Stained Glass Room: Stained Glass (Levels 1-3)**
- The Secret of Googol 1b/Reshaping Googol—The Tower; Fourth Floor, Bakery: Cookie Flips (Level 0)**
- The Secret of Googol 1b/Reshaping Googol—The Tower; Fourth Floor, Bakery: Plate Sorting (Levels 1-3)**
- The Secret of Googol 2a/Reshaping Googol—The Castle; Shape Pad (Levels 1-3)**
- The Secret of Googol 3/The Googol Counting Fair—Midways; Flinch's Midway: Frog Hop Practice (Level 0)**
- The Secret of Googol 3/The Googol Counting Fair—Midways; Flinch's Midway: Frog Hop Game (Levels 1-3)**
- The Secret of Googol 3/The Googol Counting Fair—Midways; Flinch's Midway: Toy Grabber (Levels 1-3)**
- The Secret of Googol 3/The Googol Counting Fair—Midways; Wigsley's Midway: Go-Cart Race (Levels 1-3)**
- The Secret of Googol 4/The Googol Counting Fair—Corral and Fun House; Corral: Feed the Animals (Levels 1-3)**
- The Secret of Googol 4/The Googol Counting Fair—Corral and Fun House; Corral: Water the Animals (Levels 1-3)**
- The Secret of Googol 4/The Googol Counting Fair—Corral and Fun House; Fun House, Candy Room: Candy Machine (Level 0)**
- The Secret of Googol 4/The Googol Counting Fair—Corral and Fun House; Fun House, Clown Room: Clown Costume (Level 0)**
- The Secret of Googol 4/The Googol Counting Fair—Corral and Fun House; Fun House, Clown Room: Concentration Game—Domino and Tally (Level 0)**
- The Secret of Googol 4/The Googol Counting Fair—Corral and Fun House; Fun House, Clown Room: Concentration Game—Words (Level 0)**
- The Secret of Googol 4/The Googol Counting Fair—Corral and Fun House; Fun House, Gears and Gadgets Room: Mystery Number (Levels 1-3)**



**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Party Isle, First Floor: Lost and Found (Level 1)**

**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Party Isle, First Floor: Lost and Found (Levels 2-3)**

**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Party Isle, Second Floor: Birthday Card (Level 1)**

**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Party Isle, Second Floor: Birthday Card (Levels 2-3)**

**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Toy Isle: Arrange Dolls (Levels 1-3)**

**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Toy Isle: Arrange the Drummers (Levels 1-3)**

**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Toy Isle: Price Dolls (Levels 1-3)**

**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Toy Isle: Windmills (Levels 1-2)**

**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Toy Isle: Windmills (Level 3)**

**The Secret of Googol 6/Googolfest—Arcade Isle and Moon Feast Isle; Arcade Isle: Banana Grab (Levels 1-3)**

**The Secret of Googol 6/Googolfest—Arcade Isle and Moon Feast Isle; Moon Feast Isle: Floating Market (Levels 1-3)**

**The Secret of Googol 6/Googolfest—Arcade Isle and Moon Feast Isle; Moon Feast Isle: Making Tea (Levels 1-3)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Balloon Picnic: Music Game (Levels 1-2)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Balloon Picnic: Music Game (Levels 3-5)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Egg Trek: Eggs Press (Level 1)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Egg Trek: Eggs Press (Level 2)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Egg Trek: Eggs Press (Level 3)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Egg Trek: Eggs Press (Level 4-5)**

**The Secret of Googol 8/Googol Gulch—General Store and Math Arcade; General Store: The Pricing Game (Level 1)**

**The Secret of Googol 8/Googol Gulch—General Store and Math Arcade; General Store: The Pricing Game (Levels 2-3)**



**M.O.2.1.02 identify any number as odd or even and determine if a set has and odd or even number of elements.**

**PLATO® Math Expeditions C**  
**Numeration C - Number Recognition**  
**Count by twos**

**PLATO® Achieve Now Adventures -- Mathematics**  
**The Secret of Googol 3/The Googol Counting Fair—Midways; Wigsley's Midway:**  
**Go-Cart Race (Levels 1-3)**

**The Secret of Googol 3/The Googol Counting Fair—Midways; Wigsley's Midway:**  
**Odd Bugs (Level 0)**

**M.O.2.1.03 count and group concrete manipulatives by ones, tens, and hundreds to 1,000.**

**PLATO® Math Expeditions B**  
**Numeration B - Number Recognition**  
**Count by fives**

**Numeration B - Place Value**  
**Identify and write tens to 90**

**PLATO® Math Expeditions C**  
**Numeration C - Number Recognition**  
**Count by twos**

**PLATO® Achieve Now Adventures -- Mathematics**  
**Cali's Geo Tools; Shape Pad (Level 0)**

**Cali's Geo Tools; Symmetry Easel (Level 0)**

**Cali's Geo Tools; Tangrams (Level 0)**

**Math Gallery—Collection 1; Explore: Base-10 Blocks (Level 0)**

**Math Gallery—Collection 1; Explore: Geoboard (Level 0)**

**Math Gallery—Collection 1; Explore: Fraction Strips (Level 0)**

**Math Gallery—Collection 1; Explore: Calculator (Level 0)**

**Math Gallery—Collection 1; Series 10: Geoboard (Levels 1-3)**

**Math Gallery—Collection 1; Series 10: Fraction Strips (Levels 1-3)**

**Math Gallery—Collection 1; Series 10: Calculator (Levels 1-3)**

**Math Gallery—Collection 1; Series 10: Base-10 Blocks (Levels 1-2)**

**Math Gallery—Collection 1; Series 10: Base-10 Blocks (Level 3)**

**Math Gallery—Collection 2; Explore: Time (Level 0)**

**Math Gallery—Collection 2; Explore: Ratio (Level 0)**

**Math Gallery—Collection 2; Explore: Probability (Level 0)**

**Math Gallery—Collection 2; Explore: Money (Level 0)**

**Math Gallery—Collection 2; Series 10: Time (Level 1)**

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- Math Gallery—Collection 2; Series 10: Time (Level 2)**
- Math Gallery—Collection 2; Series 10: Time (Level 3)**
- Math Gallery—Collection 2; Series 10: Probability (Levels 1-3)**
- Math Gallery—Collection 2; Series 10: Money (Levels 1-3)**
- Math Gallery—Collection 2; Series 20: Money (Level 2)**
- P.K.'s Place I—Party on the Patio!; Hoopo's Patio: Planter Box (Level 0)**
- The Secret of Googol 1a/ Reshaping Googol—The Submarine; Tangrams (Levels 1-3)**
- The Secret of Googol 1b/Reshaping Googol—The Tower; Third Floor, Stained Glass Room: Easel (Level 0)**
- The Secret of Googol 1b/Reshaping Googol—The Tower; Third Floor, Stained Glass Room: Stained Glass (Levels 1-3)**
- The Secret of Googol 1b/Reshaping Googol—The Tower; Fourth Floor, Bakery: Cookie Flips (Level 0)**
- The Secret of Googol 1b/Reshaping Googol—The Tower; Fourth Floor, Bakery: Plate Sorting (Levels 1-3)**
- The Secret of Googol 2a/Reshaping Googol—The Castle; Shape Pad (Levels 1-3)**
- The Secret of Googol 3/The Googol Counting Fair—Midways; Flinch's Midway: Frog Hop Practice (Level 0)**
- The Secret of Googol 3/The Googol Counting Fair—Midways; Flinch's Midway: Frog Hop Game (Levels 1-3)**
- The Secret of Googol 3/The Googol Counting Fair—Midways; Flinch's Midway: Toy Grabber (Levels 1-3)**
- The Secret of Googol 3/The Googol Counting Fair—Midways; Wigsley's Midway: Collect Jewels (Levels 1-3)**
- The Secret of Googol 3/The Googol Counting Fair—Midways; Wigsley's Midway: Recharge Power (Levels 1-3)**
- The Secret of Googol 3/The Googol Counting Fair—Midways; Wigsley's Midway: Tokens (Levels 1-3)**
- The Secret of Googol 4/The Googol Counting Fair—Corral and Fun House; Corral: Count the Animals (Levels 1-3)**
- The Secret of Googol 4/The Googol Counting Fair—Corral and Fun House; Fun House, Clown Room: Clown Costume (Level 0)**
- The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Party Isle, Second Floor: Embroidery Machine (Levels 1-3)**
- The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Party Isle, Second Floor: Piñata (Level 1)**
- The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Party Isle, Second Floor: Piñata (Levels 2-3)**



**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Toy Isle: Arrange Dolls (Levels 1-3)**

**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Toy Isle: Arrange the Drummers (Levels 1-3)**

**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Toy Isle: Trumpeters Show (Levels 1-3)**

**The Secret of Googol 6/Googolfest—Arcade Isle and Moon Feast Isle; Arcade Isle: Banana Grab (Levels 1-3)**

**The Secret of Googol 6/Googolfest—Arcade Isle and Moon Feast Isle; Moon Feast Isle: Cooking (Levels 1-3)**

**The Secret of Googol 6/Googolfest—Arcade Isle and Moon Feast Isle; Moon Feast Isle: Shopping List (Levels 1-3)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Egg Trek: Eggs Press (Level 1)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Egg Trek: Eggs Press (Level 2)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Egg Trek: Eggs Press (Level 3)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Egg Trek: Eggs Press (Level 4-5)**

**M.O.2.1.04 model and identify place value of each digit utilizing standard and expanded form through 1000.**

**PLATO® Math Expeditions B**

**Numeration B - Place Value**

**Identify and write tens to 90**

**Identify tens and ones to 99**

**Number Operations B - Addition**

**Add two 2-digit numbers**

**PLATO® Math Expeditions C**

**Numeration C - Place Value**

**Identify tens & ones to 99**

**Write standard form to 99**

**Write standard form to 999**

**Number Operations C - Subtraction**

**Renaming readiness**

**PLATO® Math Expeditions D**

**Numeration D - Place Value**

**Write standard form to 999**

**Write standard form to 9999**

**Write standard form to 999,999**

**PLATO® Achieve Now Adventures -- Mathematics**

**Math Gallery—Collection 1; Explore: Base-10 Blocks (Level 0)**



**Math Gallery—Collection 1; Series 10: Base-10 Blocks (Levels 1-2)**

**Math Gallery—Collection 1; Series 10: Base-10 Blocks (Level 3)**

**P.K.'s Place 1—Party on the Patio!; Daphne's Studio: Battery Charger, Big Charge (Levels 1-3)**

**The Secret of Googol 3/The Googol Counting Fair—Midways; Flinch's Midway: Marble Mania (Level 0)**

**The Secret of Googol 3/The Googol Counting Fair—Midways; Wigsley's Midway: Tokens (Levels 1-3)**

**The Secret of Googol 4/The Googol Counting Fair—Corral and Fun House; Fun House, Candy Room: Candy Machine (Level 0)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Balloon Picnic: Picnic Basket (Levels 4-5)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Egg Trek: Eggs Press (Level 1)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Egg Trek: Eggs Press (Level 2)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Egg Trek: Eggs Press (Level 3)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Egg Trek: Eggs Press (Level 4-5)**

**The Secret of Googol 8/Googol Gulch—General Store and Math Arcade; General Store: The Pricing Game (Levels 2-3)**

**The Secret of Googol 8/Googol Gulch—General Store and Math Arcade; Math Arcade: The Piano (Levels 1-4)**

**The Secret of Googol 8/Googol Gulch—General Store and Math Arcade; Math Arcade: The Piano (Level 5)**

**M.O.2.1.05 identify and read any ordinal number to identify position in a sequence.**

**PLATO® Math Expeditions B**

**Numeration B - Ordinals**

**Identify ordinals through tenth**

**PLATO® Math Expeditions C**

**Numeration C - Ordinals**

**Identify ordinals to twentieth**

**PLATO® Achieve Now Adventures -- Mathematics**

**The Secret of Googol 4/The Googol Counting Fair—Corral and Fun House; Fun House, Gears and Gadgets Room: Floating Numerals (Level 0)**

**M.O.2.1.06 round any 3-digit number to both the nearer 10 and 100.**

**PLATO® Math Expeditions C**

**Numeration C - Round**

**Round numbers to nearest ten**



**PLATO® Math Expeditions D**  
**Numeration D - Round**  
Round numbers to tens  
Round to tens and hundreds

**M.O.2.1.07 Identify and explain fractions as part of a whole and as part of a set/group using models.**

**PLATO® Math Expeditions B**  
**Fractions B - Fractions**  
Identify  $1/2$ ,  $1/3$  &  $1/4$

**PLATO® Math Expeditions C**  
**Fractions C - Fractions**  
Halves, thirds, fourths, tenths

**PLATO® Math Expeditions D**  
**Fractions D - Fractions**  
Equivalent fractions

**PLATO® Achieve Now Adventures -- Mathematics**  
**Math Gallery—Collection I; Explore: Fraction Strips (Level 0)**  
**Math Gallery—Collection I; Series 10: Fraction Strips (Levels 1-3)**

**M.O.2.1.08 model and justify the relationship between addition and subtraction (e.g., identity element of addition, associative property, commutative property, inverse operations, fact families).**

**PLATO® Math Expeditions B**  
**Number Operations B - Addition**  
Add with zero  
Add two numbers with sums to 12  
Add two 2-digit numbers

**Number Operations B - Subtraction**  
Subtract numbers through 7  
Subtract with zero  
Subtract numbers 9, 10, 11, 12

**PLATO® Math Expeditions C**  
**Number Operations C - Addition**  
Add two numbers with sums to 10  
Add two numbers with sums to 12  
Add two numbers with sums to 18

**Number Operations C - Subtraction**  
Subtract numbers through 12  
Subtract numbers through 18

**PLATO® Math Expeditions D**  
**Number Operations D - Addition**  
Add three or more 1-digit numbers  
**Number Operations D - Multiplication**  
Multiply with zero through five



**PLATO® Achieve Now Adventures -- Mathematics**

**Math Gallery—Collection 1; Series 10: Calculator (Levels 1-3)**

**Math Gallery—Collection 1; Series 10: Base-10 Blocks (Levels 1-2)**

**Math Gallery—Collection 1; Series 10: Base-10 Blocks (Level 3)**

**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Party Isle, First Floor: Disk Game (Level 1)**

**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Party Isle, First Floor: Lost and Found (Level 1)**

**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Party Isle, First Floor: Lost and Found (Levels 2-3)**

**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Party Isle, Second Floor: Embroidery Machine (Levels 1-3)**

**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Party Isle, Second Floor: Piñata (Level 1)**

**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Party Isle, Second Floor: Piñata (Levels 2-3)**

**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Toy Isle: Water Taxi (Levels 1-3)**

**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Toy Isle: Windmills (Levels 1-2)**

**The Secret of Googol 6/Googolfest—Arcade Isle and Moon Feast Isle; Arcade Isle: Banana Grab (Levels 1-3)**

**The Secret of Googol 6/Googolfest—Arcade Isle and Moon Feast Isle; Arcade Isle: Crane Game (Levels 1-3)**

**The Secret of Googol 6/Googolfest—Arcade Isle and Moon Feast Isle; Arcade Isle: Falling Drums (Level 1)**

**The Secret of Googol 6/Googolfest—Arcade Isle and Moon Feast Isle; Arcade Isle: Falling Drums (Levels 2-3)**

**The Secret of Googol 6/Googolfest—Arcade Isle and Moon Feast Isle; Moon Feast Isle: Cooking (Levels 1-3)**

**The Secret of Googol 6/Googolfest—Arcade Isle and Moon Feast Isle; Moon Feast Isle: Shopping List (Levels 1-3)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Balloon Picnic: Balloon Machine (Levels 1-2)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Balloon Picnic: Balloon Machine (Levels 3-4)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Balloon Picnic: Balloon Machine (Level 5)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Egg Trek: Eggs Press (Level 1)**



The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Egg Trek: Eggs Press (Level 3)

The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Egg Trek: Eggs Press (Level 4-5)

**M.O.2.1.09 demonstrate quick recall of basic addition facts with sums to 18 and corresponding subtraction facts.**

**PLATO® Math Expeditions B**

**Number Operations B - Addition**

Add two numbers with sums to 10

Add with zero

Add two numbers with sums to 12

**Number Operations B - Subtraction**

Subtract numbers through 7

Subtract with zero

Subtract numbers 9, 10, 11, 12

Subtract numbers 13 through 18

**PLATO® Math Expeditions C**

**Number Operations C - Addition**

Add two numbers with sums to 10

Add two numbers with sums to 12

Add two numbers with sums to 18

**Number Operations C - Subtraction**

Subtract numbers through 12

Subtract numbers through 18

**PLATO® Math Expeditions D**

**Number Operations D - Addition**

Add two numbers with sums to 18

**Number Operations D - Subtraction**

Subtract numbers 13 to 18

**PLATO® Achieve Now Adventures -- Mathematics**

**Math Gallery—Collection 1; Series 10: Calculator (Levels 1-3)**

The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Party Isle, First Floor: Disk Game (Levels 2-3)

The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Party Isle, First Floor: Lost and Found (Level 1)

The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Party Isle, First Floor: Lost and Found (Levels 2-3)

The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Party Isle, Second Floor: Birthday Card (Levels 2-3)

The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Party Isle, Second Floor: Piñata (Level 1)

The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Party Isle, Second Floor: Piñata (Levels 2-3)



**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Toy Isle: Build a Doll (Levels 1-3)**

**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Toy Isle: What's Inside a Doll? (Levels 1-3)**

**The Secret of Googol 6/Googolfest—Arcade Isle and Moon Feast Isle; Arcade Isle: Falling Drums (Level 1)**

**The Secret of Googol 6/Googolfest—Arcade Isle and Moon Feast Isle; Arcade Isle: Falling Drums (Levels 2-3)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Balloon Picnic: Balloon Machine (Levels 1-2)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Balloon Picnic: Balloon Machine (Levels 3-4)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Balloon Picnic: Egg Surprise (Level 2)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Balloon Picnic: Egg Surprise (Level 3)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Balloon Picnic: Egg Surprise (Level 4)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Balloon Picnic: Picnic Basket (Levels 1-2)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Egg Trek: Eggs Spin (Levels 1-2)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Egg Trek: Eggs Spin (Level 3)**

**The Secret of Googol 8/Googol Gulch—General Store and Math Arcade; General Store: The Auction (Level 1)**

**The Secret of Googol 8/Googol Gulch—General Store and Math Arcade; General Store: The Auction (Level 2)**

**The Secret of Googol 8/Googol Gulch—General Store and Math Arcade; Math Arcade: Bull's-eye (Level 1)**

**The Secret of Googol 8/Googol Gulch—General Store and Math Arcade; Math Arcade: Horseshoe Toss (Level 1)**

**The Secret of Googol 8/Googol Gulch—General Store and Math Arcade; Math Arcade: Horseshoe Toss (Levels 2-4)**

**The Secret of Googol 8/Googol Gulch—General Store and Math Arcade; Math Arcade: Pick the Pattern (Level 1)**

**The Secret of Googol 8/Googol Gulch—General Store and Math Arcade; Math Arcade: Pick the Pattern (Levels 2-3)**

**The Secret of Googol 8/Googol Gulch—General Store and Math Arcade; Math Arcade: The Sum-It-Up Machine (Level 1)**



**The Secret of Googol 8/Googol Gulch—General Store and Math Arcade; Math Arcade: The Sum-It-Up Machine (Levels 2-4)**

**The Secret of Googol 8/Googol Gulch—General Store and Math Arcade; Math Arcade: The Sum-It-Up Machine (Level 5)**

**M.O.2.1.10 model 2- and 3-digit addition and subtraction with regrouping using multiple strategies.**

**PLATO® Math Expeditions B**

**Number Operations B - Addition**

**Add with zero**

**Add two numbers with sums to 12**

**Add two 2-digit numbers**

**Number Operations B - Subtraction**

**Subtract numbers through 7**

**Subtract numbers 9, 10, 11, 12**

**PLATO® Math Expeditions C**

**Number Operations C - Addition**

**Add two numbers with sums to 10**

**Add two numbers with sums to 12**

**Number Operations C - Subtraction**

**Subtract numbers through 12**

**Subtract numbers through 18**

**Renaming readiness**

**Subtract 2-digit numbers**

**Subtract multiples of 10**

**Subtract two 2-digits**

**Subtract with money**

**Subtract 3-digit numbers**

**PLATO® Math Expeditions D**

**Number Operations D - Addition**

**Add two 2-digit numbers**

**Add two 2, 3, or 4-digit numbers**

**Number Operations D - Subtraction**

**Subtract 2 digit from multiples of 10**

**Subtract two 2-digit numbers**

**Subtract 3-digit numbers**

**Subtract 4-digit numbers**

**PLATO® Achieve Now Adventures -- Mathematics**

**Math Gallery—Collection 1; Series 10: Calculator (Levels 1-3)**

**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Party Isle, First Floor: Disk Game (Level 1)**

**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Party Isle, Second Floor: Birthday Card (Levels 2-3)**

**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Party Isle, Second Floor: Embroidery Machine (Levels 1-3)**

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**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Party Isle, Second Floor: Piñata (Level 1)**

**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Party Isle, Second Floor: Piñata (Levels 2-3)**

**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Toy Isle: Water Taxi (Levels 1-3)**

**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Toy Isle: Windmills (Levels 1-2)**

**The Secret of Googol 6/Googolfest—Arcade Isle and Moon Feast Isle; Arcade Isle: Banana Grab (Levels 1-3)**

**The Secret of Googol 6/Googolfest—Arcade Isle and Moon Feast Isle; Arcade Isle: Crane Game (Levels 1-3)**

**The Secret of Googol 6/Googolfest—Arcade Isle and Moon Feast Isle; Arcade Isle: Falling Drums (Level 1)**

**The Secret of Googol 6/Googolfest—Arcade Isle and Moon Feast Isle; Arcade Isle: Falling Drums (Levels 2-3)**

**The Secret of Googol 6/Googolfest—Arcade Isle and Moon Feast Isle; Moon Feast Isle: Cooking (Levels 1-3)**

**The Secret of Googol 6/Googolfest—Arcade Isle and Moon Feast Isle; Moon Feast Isle: Shopping List (Levels 1-3)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Balloon Picnic: Egg Surprise (Level 2)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Balloon Picnic: Egg Surprise (Level 3)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Balloon Picnic: Egg Surprise (Level 4)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Balloon Picnic: Egg Surprise (Level 5)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Egg Trek: Eggs Press (Level 1)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Egg Trek: Eggs Press (Level 2)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Egg Trek: Eggs Press (Level 3)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Egg Trek: Eggs Press (Level 4-5)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Egg Trek: Eggs Spin (Levels 1-2)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Egg Trek: Eggs Spin (Level 3)**



**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Egg Trek: Eggs Spin (Levels 4-5)**

**The Secret of Googol 8/Googol Gulch—General Store and Math Arcade; General Store: The Auction (Level 2)**

**The Secret of Googol 8/Googol Gulch—General Store and Math Arcade; General Store: The Auction (Level 3)**

**The Secret of Googol 8/Googol Gulch—General Store and Math Arcade; General Store: The Auction (Level 4)**

**The Secret of Googol 8/Googol Gulch—General Store and Math Arcade; General Store: The Auction (Level 5)**

**The Secret of Googol 8/Googol Gulch—General Store and Math Arcade; Math Arcade: Bull's-eye (Level 2)**

**The Secret of Googol 8/Googol Gulch—General Store and Math Arcade; Math Arcade: Horseshoe Toss (Level 1)**

**The Secret of Googol 8/Googol Gulch—General Store and Math Arcade; Math Arcade: Pick the Pattern (Levels 2-3)**

**M.O.2.1.11 add and subtract 2- and 3-digit numbers without regrouping.**

**PLATO® Math Expeditions B**

**Number Operations B - Addition**

**Add two numbers with sums to 10**

**Add two 2-digit numbers**

**Number Operations B - Subtraction**

**Subtract numbers 9, 10, 11, 12**

**Subtract with two 2-digit numbers**

**PLATO® Math Expeditions C**

**Number Operations C - Addition**

**Add a 1-digit to a 2-digit number**

**Add two 2-digits**

**Add two 2-digits using money**

**Number Operations C - Subtraction**

**Subtract numbers through 12**

**Subtract numbers through 18**

**Renaming readiness**

**Subtract 2-digit numbers**

**Subtract multiples of 10**

**Subtract two 2-digits**

**Subtract with money**

**Subtract 3-digit numbers**

**PLATO® Math Expeditions D**

**Number Operations D - Addition**

**Add 2-digit plus 1-digit numbers**

**Number Operations D - Subtraction**

**Subtract numbers 13 to 18**



Subtract 1 digit from multiples of 10  
Subtract 2 digit from multiples of 10  
Subtract two 2-digit numbers  
Subtract 3-digit numbers  
Subtract 4-digit numbers

**PLATO® Achieve Now Adventures -- Mathematics**

**Math Gallery—Collection 1; Series 10: Calculator (Levels 1-3)**

**The Secret of Googol 6/Googolfest—Arcade Isle and Moon Feast Isle; Moon Feast Isle: Cash Register (Levels 1-3)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Balloon Picnic: Egg Surprise (Level 1)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Balloon Picnic: Egg Surprise (Level 2)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Balloon Picnic: Egg Surprise (Level 3)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Balloon Picnic: Egg Surprise (Level 4)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Balloon Picnic: Egg Surprise (Level 5)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Balloon Picnic: Picnic Basket (Levels 1-2)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Balloon Picnic: Picnic Basket (Levels 3)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Balloon Picnic: Picnic Basket (Levels 4-5)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Balloon Picnic: Telephone Game (Levels 2-5)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Egg Trek: Eggs Press (Level 1)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Egg Trek: Eggs Press (Level 2)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Egg Trek: Eggs Spin (Levels 1-2)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Egg Trek: Eggs Spin (Level 3)**

**The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Egg Trek: Eggs Spin (Levels 4-5)**

**The Secret of Googol 8/Googol Gulch—General Store and Math Arcade; General Store: The Auction (Level 1)**

**The Secret of Googol 8/Googol Gulch—General Store and Math Arcade; General Store: The Auction (Level 2)**



**The Secret of Googol 8/Googol Gulch—General Store and Math Arcade; General Store: The Auction (Level 3)**

**The Secret of Googol 8/Googol Gulch—General Store and Math Arcade; General Store: The Auction (Level 4)**

**The Secret of Googol 8/Googol Gulch—General Store and Math Arcade; General Store: The Auction (Level 5)**

**The Secret of Googol 8/Googol Gulch—General Store and Math Arcade; General Store: The Pricing Game (Levels 2-3)**

**The Secret of Googol 8/Googol Gulch—General Store and Math Arcade; General Store: The Selling Game (Level 1)**

**The Secret of Googol 8/Googol Gulch—General Store and Math Arcade; General Store: The Selling Game (Levels 2-3)**

**The Secret of Googol 8/Googol Gulch—General Store and Math Arcade; General Store: The Selling Game (Levels 4-5)**

**The Secret of Googol 8/Googol Gulch—General Store and Math Arcade; Math Arcade: Bull's-eye (Level 2)**

**The Secret of Googol 8/Googol Gulch—General Store and Math Arcade; Math Arcade: Bull's-eye (Levels 3-5)**

**The Secret of Googol 8/Googol Gulch—General Store and Math Arcade; Math Arcade: Horseshoe Toss (Levels 2-4)**

**The Secret of Googol 8/Googol Gulch—General Store and Math Arcade; Math Arcade: Horseshoe Toss (Level 5)**

**The Secret of Googol 8/Googol Gulch—General Store and Math Arcade; Math Arcade: The Sum-It-Up Machine (Levels 2-4)**

**The Secret of Googol 8/Googol Gulch—General Store and Math Arcade; Math Arcade: The Sum-It-Up Machine (Level 5)**

**M.O.2.1.12 use rounding to analyze the reasonableness of a sum or a difference.**

**PLATO® Math Expeditions C**

**Numeration C - Round**

**Round numbers to nearest ten**

**PLATO® Math Expeditions D**

**Numeration D - Round**

**Round numbers to tens**

**Round to tens and hundreds**

**Number Operations D - Addition**

**Estimate sums**

**Number Operations D - Subtraction**

**Estimate differences**

**Number Operations D - Multiplication**

**Estimate products**

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**Money D - Money**  
Solve problems

**PLATO® Achieve Now Adventures -- Mathematics**

**P.K.'s Place I—Party on the Patio!; Daphne's Studio: Battery Charger, Big Charge (Levels 1-3)**

**P.K.'s Place I—Party on the Patio!; Daphne's Studio: Battery Charger, Super Charge (Levels 1-2)**

**P.K.'s Place I—Party on the Patio!; Daphne's Studio: Battery Charger, Super Charge (Level 3)**

**The Quaddle Family Mysteries I/The Case of the Scarce Scarab—Lobby and Kitchen; Lobby: Gift Shop (Levels 1-3)**

**The Secret of Googol 8/Googol Gulch—General Store and Math Arcade; General Store: The Buying Game (Levels 2-3)**

**The Secret of Googol 8/Googol Gulch—General Store and Math Arcade; General Store: The Buying Game (Levels 4-5)**

**M.O.2.1.13 create story problems that require one or two-step procedures, using a variety of strategies explain the reasoning used , justify the procedures selected and present the results.**

PLATO Modules are not available for this learning expectation.

**Standard 2: Algebra**

**M.O.2.2.1 analyze, describe, extend and create a growing pattern using objects or numbers.**

**PLATO® Achieve Now Adventures -- Mathematics**

**The Secret of Googol 3/The Googol Counting Fair—Midways; Wigsley's Midway: Collect Jewels (Levels 1-3)**

**The Secret of Googol 3/The Googol Counting Fair—Midways; Wigsley's Midway: Go-Cart Race (Levels 1-3)**

**The Secret of Googol 3/The Googol Counting Fair—Midways; Wigsley's Midway: Odd Bugs (Level 0)**

**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Toy Isle: Water Taxi (Levels 1-3)**

**M.O.2.2.2 explain how one variable produces a change in another variable**

PLATO Modules are not available for this learning expectation.

**M.O.2.2.3 describe, complete and extend a variety of counting patterns, according to a given rule.**

**PLATO® Achieve Now Adventures -- Mathematics**

**The Secret of Googol 3/The Googol Counting Fair—Midways; Wigsley's Midway: Collect Jewels (Levels 1-3)**

**The Secret of Googol 3/The Googol Counting Fair—Midways; Wigsley's Midway: Go-Cart Race (Levels 1-3)**



**The Secret of Googol 3/The Googol Counting Fair—Midways; Wigsley's Midway: Odd Bugs (Level 0)**

**The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Toy Isle: Water Taxi (Levels 1-3)**

**M.O.2.2.4 create physical models to demonstrate equivalency of two numerical expressions written as a grade-appropriate number sentence.**

**PLATO® Achieve Now Adventures -- Mathematics**

**The Secret of Googol 3/The Googol Counting Fair—Midways; Flinch's Midway: Number-Crunching Machine (Levels 1-3)**

**The Secret of Googol 6/Googolfest—Arcade Isle and Moon Feast Isle; Arcade Isle: Banana Grab (Levels 1-3)**

**The Secret of Googol 8/Googol Gulch—General Store and Math Arcade; Math Arcade: Bull's-eye (Level 1)**

**The Secret of Googol 8/Googol Gulch—General Store and Math Arcade; Math Arcade: Bull's-eye (Level 2)**

**The Secret of Googol 8/Googol Gulch—General Store and Math Arcade; Math Arcade: Bull's-eye (Levels 3-5)**

### **Standard 3: Geometry**

**M.O.2.3.1 identify and describe the following geometric solids according to the number of faces and edges: • rectangular solid • cube • cylinder • cone • pyramid**

**PLATO® Math Expeditions B**

**Geometry B - Geometry**

**Cubes/cylinders/spheres/cones**

**PLATO® Math Expeditions C**

**Geometry C - Geometry**

**Identify solid shapes**

**M.O.2.3.2 compare and contrast plane and solid geometric shapes.**

**PLATO® Achieve Now Adventures -- Mathematics**

**The Secret of Googol 2a/Reshaping Googol—The Castle; First Room: Extrude and Lathe (Level 0)**

**The Secret of Googol 2a/Reshaping Googol—The Castle; First Room: Unfold Shapes (Level 0)**

**The Secret of Googol 2a/Reshaping Googol—The Castle; First Room: Wall Pictures (Level 0)**

**M.O.2.3.3 identify and draw congruent shapes that have been rotated or reflected**

**PLATO® Achieve Now Adventures -- Mathematics**

**Cali's Geo Tools; Symmetry Easel (Level 0)**



**The Secret of Googol 1a/ Reshaping Googol—The Submarine; Tangrams (Levels 1-3)**

**The Secret of Googol 1b/Reshaping Googol—The Tower; Third Floor, Stained Glass Room: Easel (Level 0)**

**The Secret of Googol 1b/Reshaping Googol—The Tower; Third Floor, Stained Glass Room: Stained Glass (Levels 1-3)**

**The Secret of Googol 1b/Reshaping Googol—The Tower; Fourth Floor, Bakery: Cookie Flips (Level 0)**

**M.O.2.3.4 model and draw line segments and angles.**

PLATO Modules are not available for this learning expectation.

**M.O.2.3.5 plot and describe the path between locations on a grid.**

**PLATO® Achieve Now Adventures -- Mathematics**

**The Secret of Googol 1b/Reshaping Googol—The Tower; Second Floor, Toy Room: Find the Doll (Levels 1-3)**

**The Secret of Googol 2a/Reshaping Googol—The Castle; Second Room: Dart Game (Level 0)**

**The Secret of Googol 2a/Reshaping Googol—The Castle; Shape Pad (Levels 1-3)**

**The Secret of Googol 2b/Reshaping Googol—The Ocean; Feed the Squid (Levels 1-3)**

**M.O.2.3.6 identify similar shapes.**

**PLATO® Achieve Now Adventures -- Mathematics**

**The Secret of Googol 2a/Reshaping Googol—The Castle; Second Room: Nesting Shapes (Level 0)**

**Standard 4: Measurement**

**M.O.2.4.1 estimate measures, select and correctly use the appropriate measurement tool to measure the object and determine the reasonableness of the estimate: • length in centimeters and inches, • temperature in Celsius and Fahrenheit, • weight/mass in pounds and kilograms, and justify estimates when communicating results.**

**PLATO® Math Expeditions B**

**Measurement B - Length  
Measure with an inch ruler**

**Measurement B - Mass, Weight  
Measure weight**

**PLATO® Math Expeditions C**

**Measurement C - Length  
Identify units of length**

**Measurement C - Mass, Weight  
Metric units of mass**



**PLATO® Math Expeditions D**

**Measurement D - Length**

Identify units of length

**Measurement D - Capacity**

Identify units of temperature

**PLATO® Achieve Now Adventures -- Mathematics**

**The Quaddle Family Mysteries I/The Case of the Scarce Scarab—Lobby and Kitchen; Kitchen: QTV/Radio (Level 0)**

**The Quaddle Family Mysteries I/The Case of the Scarce Scarab—Lobby and Kitchen; Kitchen: Snack Machine (Levels 1-3)**

**The Quaddle Family Mysteries I/The Case of the Scarce Scarab—Lobby and Kitchen; Lobby: Postal Scale (Levels 1-3)**

**The Secret of Googol 3/The Googol Counting Fair—Midways; Wigsley's Midway: Scale (Level 0)**

**M.O.2.4.2 estimate and determine the perimeter of squares, rectangles and triangles.**

**PLATO® Math Expeditions D**

**Geometry D - Geometry**

Determine perimeter of a polygon

**PLATO® Achieve Now Adventures -- Mathematics**

**Math Gallery—Collection I; Series 10: Geoboard (Levels 1-3)**

**M.O.2.4.3 estimate and count the number of square units needed to cover a given area using manipulatives.**

**PLATO® Math Expeditions D**

**Geometry D - Geometry**

Polygon area by counting squares

**PLATO® Achieve Now Adventures -- Mathematics**

**Cali's Geo Tools; Shape Pad (Level 0)**

**Cali's Geo Tools; Symmetry Easel (Level 0)**

**Cali's Geo Tools; Tangrams (Level 0)**

**Math Gallery—Collection I; Explore: Base-10 Blocks (Level 0)**

**Math Gallery—Collection I; Explore: Geoboard (Level 0)**

**Math Gallery—Collection I; Explore: Fraction Strips (Level 0)**

**Math Gallery—Collection I; Explore: Calculator (Level 0)**

**Math Gallery—Collection I; Series 10: Geoboard (Levels 1-3)**

**Math Gallery—Collection I; Series 10: Fraction Strips (Levels 1-3)**

**Math Gallery—Collection I; Series 10: Calculator (Levels 1-3)**

**Math Gallery—Collection I; Series 10: Base-10 Blocks (Levels 1-2)**

**Math Gallery—Collection I; Series 10: Base-10 Blocks (Level 3)**

Inspired solutions for teaching and learning™



- Math Gallery—Collection 2; Explore: Time (Level 0)**
- Math Gallery—Collection 2; Explore: Ratio (Level 0)**
- Math Gallery—Collection 2; Explore: Probability (Level 0)**
- Math Gallery—Collection 2; Explore: Money (Level 0)**
- Math Gallery—Collection 2; Series 10: Time (Level 1)**
- Math Gallery—Collection 2; Series 10: Time (Level 2)**
- Math Gallery—Collection 2; Series 10: Time (Level 3)**
- Math Gallery—Collection 2; Series 10: Probability (Levels 1-3)**
- Math Gallery—Collection 2; Series 10: Money (Levels 1-3)**
- Math Gallery—Collection 2; Series 20: Money (Level 2)**
- The Secret of Googol 1a/ Reshaping Googol—The Submarine; Tangrams (Levels 1-3)**
- The Secret of Googol 1b/Reshaping Googol—The Tower; Third Floor, Stained Glass Room: Easel (Level 0)**
- The Secret of Googol 1b/Reshaping Googol—The Tower; Third Floor, Stained Glass Room: Stained Glass (Levels 1-3)**
- The Secret of Googol 1b/Reshaping Googol—The Tower; Fourth Floor, Bakery: Cookie Flips (Level 0)**
- The Secret of Googol 1b/Reshaping Googol—The Tower; Fourth Floor, Bakery: Plate Sorting (Levels 1-3)**
- The Secret of Googol 2a/Reshaping Googol—The Castle; Shape Pad (Levels 1-3)**
- The Secret of Googol 4/The Googol Counting Fair—Corral and Fun House; Fun House, Clown Room: Clown Costume (Level 0)**
- The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Toy Isle: Arrange Dolls (Levels 1-3)**
- The Secret of Googol 5/Googolfest—Party Isle and Toy Isle; Toy Isle: Arrange the Drummers (Levels 1-3)**
- The Secret of Googol 6/Googolfest—Arcade Isle and Moon Feast Isle; Arcade Isle: Banana Grab (Levels 1-3)**
- The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Egg Trek: Eggs Press (Level 1)**
- The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Egg Trek: Eggs Press (Level 2)**
- The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Egg Trek: Eggs Press (Level 3)**
- The Secret of Googol 7/Eggs All Around—Egg Trek and Balloon Picnic; Egg Trek: Eggs Press (Level 4-5)**

**M.O.2.4.4 order events in relation to time.**

Inspired solutions for teaching and learning™



**PLATO® Achieve Now Adventures -- Mathematics**  
**Math Gallery—Collection 2; Series 10: Time (Level 1)**  
**Math Gallery—Collection 2; Series 10: Time (Level 2)**  
**Math Gallery—Collection 2; Series 10: Time (Level 3)**

**M.O.2.4.5 determine past and future days of the week and identify specific dates, given a calendar.**

**PLATO Modules are not available for this learning expectation.**

**M.O.2.4.6 read time to the quarter hour using an analog and digital clock.**

**PLATO® Math Expeditions B**  
**Time B - Time**  
**Tell time to the half hour**

**PLATO® Math Expeditions C**  
**Time C - Time**  
**Tell time to 5 minutes**

**PLATO® Achieve Now Adventures -- Mathematics**  
**Math Gallery—Collection 2; Series 10: Time (Level 1)**  
**Math Gallery—Collection 2; Series 10: Time (Level 2)**  
**Math Gallery—Collection 2; Series 10: Time (Level 3)**

**M.O.2.4.7 identify, count and organize coins and bills to display a variety of price values from real-life examples with a total value of one dollar or less and model making change using manipulatives.**

**PLATO® Math Expeditions B**  
**Money B - Money**  
**Identify coins to 99 cents**

**PLATO® Math Expeditions C**  
**Money C - Money**  
**Compare money to \$2.00**

**PLATO® Achieve Now Adventures -- Mathematics**  
**Math Gallery—Collection 2; Series 10: Money (Levels 1-3)**  
**Math Gallery—Collection 2; Series 20: Money (Level 2)**

**The Quaddle Family Mysteries 1/The Case of the Scarce Scarab—Lobby and Kitchen; Lobby: Gift Shop (Levels 1-3)**

**The Secret of Googol 6/Googolfest—Arcade Isle and Moon Feast Isle; Moon Feast Isle: Cash Register (Levels 1-3)**

**The Secret of Googol 8/Googol Gulch—General Store and Math Arcade; General Store: The Buying Game (Level 1)**

**The Secret of Googol 8/Googol Gulch—General Store and Math Arcade; General Store: The Buying Game (Levels 2-3)**

**The Secret of Googol 8/Googol Gulch—General Store and Math Arcade; General Store: The Buying Game (Levels 4-5)**



The Secret of Googol 8/Googol Gulch—General Store and Math Arcade; General Store: The Selling Game (Level 1)

The Secret of Googol 8/Googol Gulch—General Store and Math Arcade; General Store: The Selling Game (Levels 2-3)

The Secret of Googol 8/Googol Gulch—General Store and Math Arcade; General Store: The Selling Game (Levels 4-5)

## **Standard 5: Data Analysis and Probability**

**M.O.2.5.1 create, read, and interpret a pictograph with each picture representing greater than or equal to a single unit.**

**PLATO® Math Expeditions C**  
Graphs C - Graphs  
Solve problems: pictographs

**PLATO® Math Expeditions D**  
Graphs D - Graphs  
Solve problems: bar graph, pictograph

**PLATO® Achieve Now Adventures -- Mathematics**  
Math Gallery—Collection 2; Series 10: Probability (Levels 1-3)

P.K.'s Place I—Party on the Patio!; Hoopo's Patio: Planter Box (Level 0)

The Secret of Googol 4/The Googol Counting Fair—Corral and Fun House; Corral: Groom the Animals (Level 0)

**M.O.2.5.2 conduct simple experiments with more than two outcomes and use the data to predict which event is more, less, or equally likely to occur if the experiment is repeated.**

**PLATO® Achieve Now Adventures -- Mathematics**  
P.K.'s Place I—Party on the Patio!; Hoopo's Patio: Planter Box (Level 0)

**M.O.2.5.3 analyze data represented on a graph using grade-appropriate questions.**

**PLATO® Achieve Now Adventures -- Mathematics**  
P.K.'s Place I—Party on the Patio!; Hoopo's Patio: Planter Box (Level 0)

The Quaddle Family Mysteries I/The Case of the Scarce Scarab—Lobby and Kitchen; Kitchen: Snack Machine (Levels 1-3)

The Quaddle Family Mysteries I/The Case of the Scarce Scarab—Lobby and Kitchen; Lobby: Postal Scale (Levels 1-3)

The Secret of Googol 4/The Googol Counting Fair—Corral and Fun House; Corral: Groom the Animals (Level 0)

**M.O.2.5.4 formulate questions, collect data, organize and display as a chart, table or bar graph.**

**PLATO® Math Expeditions B**  
Graphs B - Graphs  
Solve problems: use a bar graph



**PLATO® Math Expeditions D**

**Graphs D - Graphs**

Solve problems: bar graph, pictograph

**PLATO® Achieve Now Adventures -- Mathematics**

**Math Gallery—Collection 2; Explore: Probability (Level 0)**

**Math Gallery—Collection 2; Series 10: Probability (Levels 1-3)**

**P.K.'s Place 1—Party on the Patio!; Hoopo's Patio: Planter Box (Level 0)**

**The Quaddle Family Mysteries 1/The Case of the Scarce Scarab—Lobby and Kitchen; Kitchen: Snack Machine (Levels 1-3)**

**The Quaddle Family Mysteries 1/The Case of the Scarce Scarab—Lobby and Kitchen; Lobby: Postal Scale (Levels 1-3)**

**The Secret of Googol 4/The Googol Counting Fair—Corral and Fun House; Corral: Groom the Animals (Level 0)**