

Performance Level Descriptors by Content Area - Grade 5

Content Areas	Mathematics	Reading/Language Arts	Science	Social Studies	
Performance Levels	Distinguished Level Descriptor	Students show exemplary application of knowledge and skills needed to solve real world problems; solve equations and inequality using multiple strategies; critique properties of triangles; construct similar figures; design a scale drawing and determine the actual measurements of a figure; analyze statistical measures of data; defend conclusions of a probability experiment.	Students show exemplary ability to read and apply comprehension strategies to predict/locate support; use context clues to interpret graphic aids; justify connections to self/text/world; use and evaluate ideas/concepts effectively; use the five-step writing process to address a specific audience and purpose with relevant details; use relevant sources for research; edit own/others' writing.	Students show exemplary ability to apply grade level content in earth, life, and physical sciences to everyday situations; assess problems and classify variables in scenarios; use the scientific method to create and conduct experiments, interpret results, and draw conclusions; exhibit ability to evaluate and support an argument with research and data.	Students show exemplary ability to evaluate the capacity of groups/ individuals to promote common good; use core documents to justify importance/process of lawmaking; hypothesize effects of economic/geographic factors on US regions/states; assess causes/effects of immigration, transportation, and expansion; evaluate actions of key Civil Rights leaders; analyze complex documents and graphics.
	Above Mastery Level Descriptor	Students show advanced performance solving real world problems with whole numbers, decimals, fractions, and percents; solve equations and inequalities; determine properties of triangles; create scale drawings; determine actual measurements of figures; analyze data by comparing and contrasting various statistical measures; draw conclusions from probability experiments and data.	Students show advanced ability to read and judge text critically; use context clues to determine meaning; determine author's purpose and elements of literature to construct meaning; evaluate connections to self/text/world; use and evaluate ideas/concepts effectively; use the five-step writing process for a specific audience/purpose with relevant details; edit own/others' writing.	Students show advanced application of grade level content of earth, life, and physical sciences to everyday situations; examine problems and identify variables in familiar scenarios; use the scientific method to conduct experiments and gather data; exhibit ability to interpret results, draw conclusions from basic research or observations, and communicate those ideas.	Students show advanced ability to draw conclusions about ability of groups/ individuals to promote common good; evaluate core documents and importance/process of lawmaking; analyze US regions/states and effects of economic/geographic factors; summarize causes/effects of immigration, transportation, and expansion; compare actions of key Civil Rights leaders; analyze advanced documents and graphics.
	Mastery Level Descriptor	Students show competent performance in fundamental knowledge and skills needed to solve real world problems using whole numbers, decimals, fractions, and percents; solve equations and inequalities; classify triangles; use a scale to draw similar figures; determine scale and actual measurements; choose best statistical measure to use; test probability validity from a real life event.	Students show competent ability to read and compare/contrast connections to self/text/world; use and evaluate ideas/concepts effectively; select defining genre characteristics; determine main ideas; compare connections of text to self/world; use the five-step writing process to develop a product for a specific audience and purpose with relevant details; edit own writing.	Students show competent understanding of science by applying grade level content of earth, life, and physical sciences to everyday situations; compare problems and variables in familiar scenarios; use the scientific method and directions to conduct experiments and gather data; exhibit ability to interpret results and communicate ideas.	Students show competent ability to analyze how groups/individuals promote common good; compare core documents; explain importance/process of lawmaking; compare US regions/states; explain how economic/geographic factors influence events; describe causes/effects of immigration, transportation, and expansion; discuss actions of key Civil Rights leaders; analyze grade-level documents and graphics.
	Partial Mastery Level Descriptor	Students show limited performance of fundamental knowledge and skills needed to solve real world problems using whole numbers, decimals, fractions, and percents; solve equations to identify similar figures using a scale; determine actual measurements from scale drawings; use statistical measure to evaluate data; perform probability activity to gather data.	Students show limited ability to read and understand connections to self and text; use and evaluate ideas/concepts; draw conclusions; use context clues for comprehension; select relevant graphic aids to depict meaning; use the five-step writing process to develop a product with relevant details; use correct grammar conventions and spelling.	Students show limited understanding of earth, life, and physical sciences by associating basic grade level content to everyday situations; define problems in familiar scenarios; exhibit limited ability to recognize variables, perform experiments, gather data, and draw plausible conclusions.	Students show limited ability to compare the actions of groups/individuals in promoting the common good; identify points in core documents and elements of lawmaking; connect US regions/states with their geographic/economic factors; identify key events/people in immigration, transportation, expansion, and Civil Rights; draw conclusions from basic documents and graphics.
	Novice Level Descriptor	Students show minimal performance in the fundamental knowledge and skills needed to solve real world problems using whole numbers, decimals, fractions, and percents; solve simple equations; recognize similar figures using a scale; recognize measurements of a figure from a scale drawing; solve problems using mean, median, and mode; constructs sample space.	Students show minimal ability to read and make connections to self and text; use and evaluate ideas/concepts effectively; use context clues to understand text; determine grammatically correct sentences; use the five-step writing process to develop a product with relevant details.	Students show minimal knowledge of grade level earth, life, and physical sciences by stating simple facts or describing uncomplicated processes; identify limited problems in familiar situations; exhibit minimal ability to determine variables; perform experiments when specific details are provided and collect data; exhibit minimal ability to draw reasonable conclusions.	Students show minimal ability to identify how groups/individuals promote common good; recognize core documents and importance of laws; locate US regions/states and identify their geographic/economic factors; recognize key events/people in immigration, transportation, expansion, and Civil Rights; use basic documents and graphics.

For more information about Performance Level Descriptors, please visit the following website: <http://wvde.state.wv.us/policy2520>
 For more information on the Quantile/Lexile Measures, please visit the following websites: <http://www.Quantiles.com/mathathome/>
 and <http://www.Lexile.com/findabook/>.