WVEIS - Health App on an iDevice

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WVDE-Office of Special Programs
Background

• Highmark Blue Cross Blue Shield provided monies to WVDE for this project
• The health records data system is not utilized to its full potential for various reasons including but not limited to data entry burden (staffing, time and access).
• To address this barrier, WVDE developed a health record App to sync data (BMI, immunizations, & health screening) directly into the WVEIS system.
• Each county school system was provided funds to purchase a hand-held computing device (iTouch, iPhone, or iPad) to utilize this App.
Special Thanks to...

Adrianne Marsh,
RESA 7
Technical Assistance Support Specialist
for School Improvement
Health Data

• Health App on iDevice;

• WOW Health Screens;

• WOW Health Reports;

Information Gathered on App

- Height/Weight with calculation of BMI
- Health Screening information for vision, hearing, speech/language development and dental
- Immunization records with month/date/year along with a space for notes and codes
Application Features

• Health screening information is easy to enter on both currently enrolled and not yet enrolled students
• Health screening information is integrated to the existing WVEIS IBM (AS/400) student data
• Access to entry of health screening data is secure and confidential
Secure Data
Accessing WVEIS from HOME...
The “old” APP
Installing updated version if:

• You have updated to iOS version from 5.0 on any iDevice used for this App; or
• You need to re-install.

iPod and iPad versions compatible with update to iOS 7:

– iPhone 4, 4s, 5, 5c and 5s;
– iPod Touch 5th generation; and
– iPad 2, Air, mini and all with Reina display
Device is a Touch Screen
Installing an updated version or re-installing

• Delete the application from your iPod by pressing and holding the application until the menu screens begin to wiggle and an (X) appears in the upper corner. Release your touch and then touch the (X) on the application to delete it. Press the Home button to return to normal.

• Open iTunes on your computer. Do not connect your iPod Touch at this point. From the Library List on the left of your iTunes screen, select the Apps Entry. Locate the WVEIS Health Info application in your list of applications. Right click on the icon and select “Delete.”;
Installing an updated version or re-installing

Confirm you want to delete it by selecting “Remove.”
Installing an updated version or re-installing

Select “Move to Recycle Bin” to complete the application deletion.
Download new compatible version WVEIS App in iTunes

• Search for WVEIS App in iTunes;
• Download and Use; and
• **Remember:**
  – your sign-in will be your username and password for WVEIS.
  – You must be within a secured “10.” school network to access the school rosters and upload unless you have VPN access. All rosters remain inaccessible to others on iDevice until the class is released through download;
  – You can enroll new students who are not currently in WVEIS. Follow county protocols for enrollment such as full name, Jr. Sr, 2nd, etc.;
  – New students who have not been enrolled sit in the cloud until officially enrolled by “school” enrollment personnel;
  – Student data sits in the iDevice until you download data and class rosters to WVEIS which happens at 5pm daily after manual download;
First Screen

Student Health Information
Retrieving Student Groups
Select...Get Groups
Select... District/County
Select... School
Pulling a group of students...
Retrieving Students
Select by Grade Level
Select by...
Grade level or Teacher
Log on

Confirming it’s **YOU** with WVEIS Username and Password log-in!!!
Retrieved student groups

Tap…
Green Arrow
To see student list
Select... a Student

- Able, Jan Bethany 06/03/1995
- Alvarez, Peter Thomas 05/24/1995
- Alvarez, Ralph Dennis 12/12/1995
- Avery, Shaun Cannon 11/11/1995
- Belamy, Tressa Laura 09/07/1996
- Cherington, Craig Hugh 12/28/1995
- Clingan, Cyril Ralph 04/20/1995

Confidential Health Information

New Student
Tap... Height-Weight

Student’s Name
In Put...Height and Weight data

Calculates the BMI...
Tap on window…
Keyboard appears.
Entering Date...

Tap on Window

Date Measured: 07/15/2010

SCROLL Appears
Select...Health Screening
Tap... Complete or Referral

Input date

*Can add notes on WOW
Tap...Immunization Records
Tap...Immunization window
Select...an Immunization type & Status

Scrolling capabilities
Immunization Notes

ABLE, JAN BETHANY
Immunization - Health
HEPITIS A (HEP A)
Status OK ALL REQUIREMENTS MET
Date of Note 07/15/2010
Notes

Add Notes here or on WOW
Immunization Notes

ABLE, JAN BETHANY

Immunization - Health
HEPATITIS A (HEP A)

Status OK      ALL REQUIREMENTS MET
Date of Note 07/15/2010

Notes
Notes can be entered here to document any thing that is needed.
Save....Next vs Return

**Next** = Enter another immunization for same student

**Return** = To return to same student’s Menu.  *
Student Menu

Tap…”Students” to go back to group list.
Entering New Student

Red * = student has new data to be submitted to WOW.

To add a New Student
New Student Information

Tap on each window & Keyboard appears.
All windows must have data.
Need Information...?

Green + = New Student data needs submitted to WOW.
Information on Student Groups

School/Class/Grade: Icons indicate the group is in a “holding pattern”

As long as you have the group “checked-out” no one else can retrieve those students!!!
Submitting info to central server

Submitting data to Big Cloud in the Sky!!!
Submitting info to central server

Submitting data will return the “Student Group” to WOW.
Removing “unused groups” from device

Return the Library book...so others can check it out!!!
Removing “unused groups” from device

No Student Groups listed.
Contact:

Rebecca King
School Health Services Coordinator
WVDE-Office of Special Programs

rjking@access.k12.wv.us or
304.558.8830
Implementing the WVEIS iTunes Health Application

Rich Pullin
WVDE- Office of Information Systems
Health Application Overview

- Designed for student screenings for pre-enrollment as well as new students.
- Student rosters can be synchronized with the device prior to the screenings.
- New students can be entered into the device with minimal data.
- Device syncs with WiFi to upload data to WVEIS.
Health App Requirements

- WVEIS User ID for Web Based WVEIS
  - Including employee number & email address
  - ‘Nurse’ job classification
- WiFi connection within a county school facility.
  (Must be part of the “10.” education network and NOT a public IP address)
- Download the application free through iTunes
  (Search for “WVEIS”)

[Image of West Virginia Department of Education logo]
WVEIS Health Tab - Screenings
Clicking on an existing screening date will allow the user to edit existing data from either the iPod Application or WVEIS input.

Clicking on ‘New’ will allow the user to enter a new record through WVEIS for that screening type.
WVEIS Health Tab

- Information Stored:
  - BMI
  - Vision
  - Hearing
  - Oral Health
  - Developmental
  - Communication/Speech/Language
Units of measure can be standard or metric.

BMI is calculated by new entry or a change to the data.

Note section can be used to store additional information.
Referral source can be selected.

Note section can be used to store additional information.

Optional Data is still permitted for county use if desired.
Referral source can be selected.

Note section can be used to store additional information.

Optional Data is still permitted for county use if desired.
WVEIS Health Tab – Oral Health

Referral source can be selected.

Note section can be used to store additional information.
WVEIS Health Tab – Developmental

Referral source can be selected.

Note section can be used to store additional information.
Referral source can be selected.

Note section can be used to store additional information.

Two additional fields are included for Articulation & Language.
WVEIS Health Tab – Tuberculosis

Data fields are specifically for TB data.

Note section can be used to store additional information.
WVEIS Health Tab - Immunizations
Clicking on the immunization code will allow the user to input/edit existing data from either the iPod Application or WVEIS input.
Date fields are allow for up to seven dates.

Single status value for the immunization.

Note section can be used to store additional
Contact:

Rich Pullin
WVEIS Coordinator
WVDE-Office of Information Systems

rpullin@access.k12.wv.us or
304.558.8869
WVDE-Office of Early Learning

https://wvde.state.wv.us/oel/
Putting the data to use....
WV Early Learning Standards Domains

- Child Health Information;
- Social Emotional;
- Language and Literacy Development;
- Mathematics;
- Science;
- The Arts; and
- Physical Health and Development.
The WV Pre-K Child Assessment System is a formative assessment process which includes ongoing collection of evidence:

- The Early Learning Scale;
- The WV Early Learning Standards Domains;
- **Child Health information**;
- English Language Learner data;* and
- Special Education reporting data* (*as applicable)
Children’s health information is:

• Entered into WVEIS from the HealthCheck/comparable physical exam documentation which is completed by the student’s medical home (a MD, DO, APRN or PA)

• The data is entered by designated school personnel (usually not the classroom teacher). Designated school personnel should be determined though a county team approach to ensure health data is completed for enrollment.
West Virginia Pre-K Child Assessment System
Improving Teaching through Systematic Assessment:
Assessment 2, School Year 2014
Student - Parent Report (Individual)

Child’s Name: SARAH
Child’s Age: 5 years 2 months
School Year 2013 - 2014

Part I: Child Health Information

<table>
<thead>
<tr>
<th>Health</th>
<th>Health Check Screening</th>
<th>Screening Date</th>
<th>Completed</th>
<th>Referral*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vision</td>
<td>02/13/13</td>
<td>✓</td>
<td></td>
<td>No</td>
</tr>
<tr>
<td>Hearing</td>
<td>10/02/13</td>
<td>✓</td>
<td></td>
<td>No</td>
</tr>
<tr>
<td>Oral Health Screening</td>
<td>na</td>
<td>na</td>
<td></td>
<td>na</td>
</tr>
<tr>
<td>Speech &amp; Language</td>
<td>10/04/13</td>
<td>✓</td>
<td></td>
<td>No</td>
</tr>
<tr>
<td>Developmental</td>
<td>na</td>
<td>na</td>
<td></td>
<td>na</td>
</tr>
</tbody>
</table>

*Referral process to be determined by the child's parent and medical provider.

Immunizations Up To Date:
Yes | No

Notices:

- Please be sure to schedule a well-child visit for your child annually.
- Please be sure to schedule dental visits for your child twice a year.

It is important to establish a medical and dental provider for your child. Should you need assistance with obtaining a medical or dental provider for your child please go to http://www.ucomparehealthcare.com. Please ask the provider’s office staff if they accept the current insurance which covers medical or dental cost for your child.
Finally data goes back to Local Decision Makers

- School Readiness profiles are compiled annually for WV schools; and

- Each county PreK data sets are reported to assist LEAs in making important decisions to assist with establishment of school readiness goals.
## Kindergarten Entry Health Data

This data has been compiled based on information provided WVEIS for the 2011-2012 School Year, and includes information regarding the health status of children at kindergarten entry.

<table>
<thead>
<tr>
<th>Key Element</th>
<th>County % On File in WVEIS</th>
<th>State Average % On File in WVEIS</th>
<th>Of those On File, County % Referred</th>
<th>Of those On File, State Average % Referred</th>
</tr>
</thead>
<tbody>
<tr>
<td>Immunizations</td>
<td>100.00</td>
<td>95.80</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Health Check Form: Hearing</td>
<td>100.00</td>
<td>76.19</td>
<td>1.30</td>
<td>6.88</td>
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<tr>
<td>Health Check Form: Vision</td>
<td>100.00</td>
<td>86.09</td>
<td>2.60</td>
<td>5.36</td>
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<tr>
<td>Health Check Form: Oral Health</td>
<td>100.00</td>
<td>35.93</td>
<td>2.60</td>
<td>1.99</td>
</tr>
<tr>
<td>Health Check Form: Developmental</td>
<td>97.40</td>
<td>17.41</td>
<td>0.00</td>
<td>0.58</td>
</tr>
<tr>
<td>Health Check Form: Speech and Language</td>
<td>100.00</td>
<td>52.55</td>
<td>18.18</td>
<td>4.55</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Key Element</th>
<th>County Average %</th>
<th>State Average %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kindergarten Children with an Individual Health Plan</td>
<td>7.79</td>
<td>6.29</td>
</tr>
</tbody>
</table>

Contact:

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Lead Coordinator
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304.558.9994
THANK YOU!