Next Generation Testing
February 2, 2015 – PTA Meeting

Agenda

7:30 – 7:40   Curriculum Revisions

7:40 – 7:45   Reading Street & Reflex Math Assessment Data (Math Expressions)

7:45 – 7:50   QWERTY Town; EduTyping &/or Typing Agent

7:50   PARCC Testing Timelines

7:55 – 8:00   PARCC Accessibility Features

8:00 – 8:15   Next Generation Testing: Examples via NWEA MAP

8:15 – 9:00   Sample PARCC Tests (Grade 3 Lab)

Partnership for Assessment of Readiness for College and Careers (PARCC)
https://www.parcconline.org/parcc-assessment

2013-14 Two classrooms of students in grade 3 taking the End of Year Assessment (EOY) in ELA
2014-15 All students in grades 3 through 6 taking the Performance Based Assessments(PBA) and EOY in ELA and math

PARCC ELA will include:

- *Texts worth reading:* The assessments will use authentic texts worthy of study and that are motivating and engaging to read, instead of artificially produced or commissioned passages.
- *Questions worth answering,* which includes:
- Sequences of questions that draw students into deeper encounters with texts (as in an excellent classroom), rather than sets of random questions of varying quality.
- *Items that allow students to demonstrate what they know, rather than what they don't know*—where items allow for partial credit
- Items that allow for expression of divergent thinking
- Use of technology to allow students to construct meaning for machine-scorable items

N.W.E.A. MAP
http://www.nwea.org/common-core-new-item-types-map

While the Common Core State Standards (CCSS) share many features and concepts with existing state standards, the CCSS are different because they:

- place increased emphasis on differentiating instruction within each grade level,
- focus on cognitive demand,
- emphasize an application of critical thinking and problem solving skills in a real-world context, and
- emphasize synthesis and integration of knowledge and skills across domain subjects and disciplines.

NWEA has been delivering Common Core-aligned assessments since 2011, using current item types. As with all Measures of Academic Progress (MAP) assessments, these Common Core-aligned tests provide our partners with a stable, valid and reliable growth measure.

We are committed to expanding MAP assessment coverage of both the depth and breadth of the Common Core State Standards in the way these standards are intended to be measured, using pedagogical approaches that mirror what is happening in classrooms. To meet this goal, we are actively developing and field testing new item types that will:

- provide coverage of broader ranges of Depth of Knowledge (DOK) levels,
- provide students with a more authentic and engaging test experience that also offers a deeper assessment of standards, and
- enable deeper and more meaningful interactions with items and texts, including longer, more complex texts, graphics and tables .

Below are descriptions of a few of the item types that are being developed to address these needs. Partners will see some of these new item types in MAP tests now while others are slated for future release.

Click here to see all of these new item types in action. These interactive examples demonstrate the key elements and user experience of each item type. To learn more about each item type and have the option to see samples of each type individually, read on.

Hot Spot

Technology Enhanced Item (TEI) Used in Reading, Language and Mathematics Assessments

- Allows students to click on one or more responses which may be presented as text, images, numerals, expressions, equations, functions, graphs, or geometric shapes.
- Provides an opportunity to assess deeper understanding of a concept by asking students to select multiple examples (e.g., prefixes, synonyms, supporting details from a passage, equivalent expressions or fractions, shapes or functions with a specific attribute).

See sample of this item type

Drag and Drop

Technology Enhanced Item (TEI) Used in Reading, Language and Mathematics Assessments

- Allows students to click and drag a response to a target location.
- Measures standards where student must outline, place words or phrases into text, classify, categorize, build numeric or algebraic expressions or equations, or label diagrams or graphs.

See sample of this item type

Click and Pop

Technology Enhanced Item (TEI) Used in Reading, Language and Mathematics Assessments

- Allows students to click to select one or more responses. The selected response 'pops' (jumps/moves) to the appropriate location to complete the asset when measuring skills such as editing punctuation, showing place value, categorizing, or modeling quantity.
- Provides an efficient way to assess skills in which order of presentation (e.g., spelling, sequencing events, counting) is important.

See samples of this item type

Graphing Calculator

Item Feature Used in Secondary Mathematics Assessments

- Allows students to use a TI 84 graphing calculator to solve a problem
- Used in Secondary Mathematics Assessments when assessing standards that require a graphing calculator or involve advanced calculations (e.g., exponents, square roots, pi)

See samples of this item type

Common Stimulus

Item Feature Used in Reading and Mathematics Assessments

- Multiple items share a common item asset such as a reading passage, student-written draft, or graph.
- Reduces the reading load across the test as a whole (more items, fewer passages).
- Allows for assessment of reading comprehension of longer, complex texts, a range of language skills including editing and revising, as well as mathematical problem solving.
- Aligns to text complexity goals for Common Core.

See samples of this item type

Keyboard Entry

Item Type Used in Reading, Language and Mathematics Assessments

- Allows student to enter free text in a short answer format within certain constraints, such as length and valid characters, number of digits, etc.
- Text entry can consist of word(s), symbol(s), numerical or algebraic expressions, equations, functions, etc.
- Acts as a measure of application-level cognitive skills as well as other content knowledge.

See samples of this item type

Drop Down List

Technology Enhanced Item (TEI) Used in Reading, Language and Mathematics Assessments

- Allows students to select one or more options from a pick list that may appear in various sections of an item. Drop down applications may consist of labels on a diagram, words in a paragraph, input into a chart or table, and parts of an equation.
- Offers students a streamlined interaction with the item content by constraining possible responses while allowing the student to link ideas together such as claims with evidence.

See sample of this item type

Turn and Slide

Technology Enhanced Item (TEI) Used in Mathematics Assessments

- Allows students to rotate and slide objects. Supports rotating objects about a point in addition to free rotation of objects.
- Allows for assessment of transformations, use of manipulatives such as clock hands, and composing figures.

See sample of this item type

Multiple Enhancements

Item Feature Used in Reading, Language and Mathematics Assessments

- Uses the functionalities of multiple item types in a single item.
- Measures standards with multiple levels, such as identifying main idea and supporting details, or creating and solving a proportion.

See sample of this item type