WSD Curriculum Adoption

Spring 2018

Wenatchee Learns
Strategy Three - Objective 3.3:
<u>The Best Tools and Resources for Staff to Advance Learning</u>
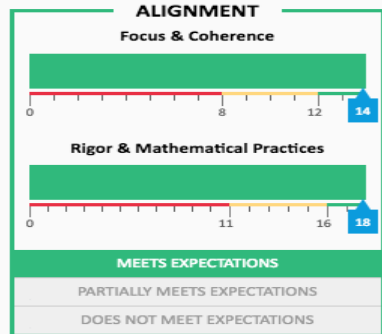
Elementary Mathematics: Ready Math

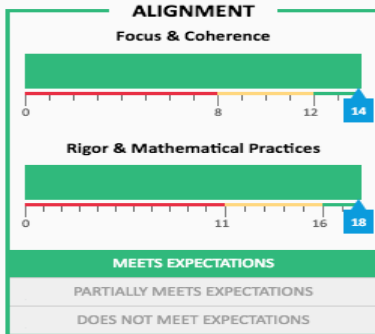Sarah Hanchey, Bill Eagle, Emi England, Jeri Howard, & Krista Herling

Grades K-2 Summary of Alignment and Usability

The instructional materials for Ready Grades K-2 meet the expectations for focus and coherence in Gateway 1. All grades meet the expectations for focus as they assess grade-level topics and spend the majority of class time on major work of the grade, and all grades meet the expectations for coherence as they have a sequence of topics that is consistent with the logical structure of mathematics. In Gateway 2, all grades meet the expectations for rigor and balance, and all grades meet the expectations for practice-content connections. In Gateway 3, all grades meet the expectations for instructional supports and usability. The instructional materials show strengths by being well designed and taking into account effective lesson structure and pacing, supporting teacher learning and understanding of the Standards, and supporting teachers in differentiating instruction for diverse learners within and across grades.
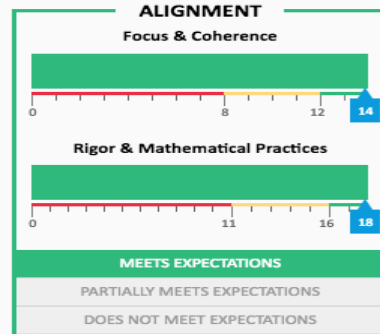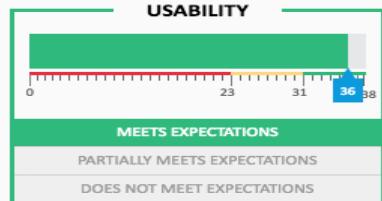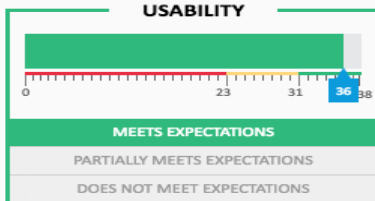
Kindergarten

ALIGNMENT

Focus & Coherence

0 — 8 — 12 — **14**

Rigor & Mathematical Practices

0 — 11 — 16 — **18**

MEETS EXPECTATIONS
PARTIALLY MEETS EXPECTATIONS
DOES NOT MEET EXPECTATIONS

USABILITY

0 — 23 — 31 — **36** — 38

MEETS EXPECTATIONS
PARTIALLY MEETS EXPECTATIONS
DOES NOT MEET EXPECTATIONS

First Grade

ALIGNMENT

Focus & Coherence

0 — 8 — 12 — **14**

Rigor & Mathematical Practices

0 — 11 — 16 — **18**

MEETS EXPECTATIONS
PARTIALLY MEETS EXPECTATIONS
DOES NOT MEET EXPECTATIONS

USABILITY

0 — 23 — 31 — **36** — 38

MEETS EXPECTATIONS
PARTIALLY MEETS EXPECTATIONS
DOES NOT MEET EXPECTATIONS

Second Grade

ALIGNMENT

Focus & Coherence

0 — 8 — 12 — **14**

Rigor & Mathematical Practices

0 — 11 — 16 — **18**

MEETS EXPECTATIONS
PARTIALLY MEETS EXPECTATIONS
DOES NOT MEET EXPECTATIONS

USABILITY

0 — 23 — 31 — **36** — 38

MEETS EXPECTATIONS
PARTIALLY MEETS EXPECTATIONS
DOES NOT MEET EXPECTATIONS
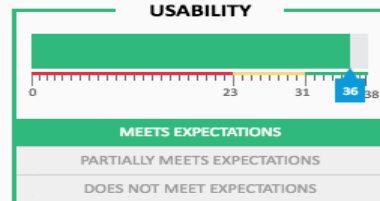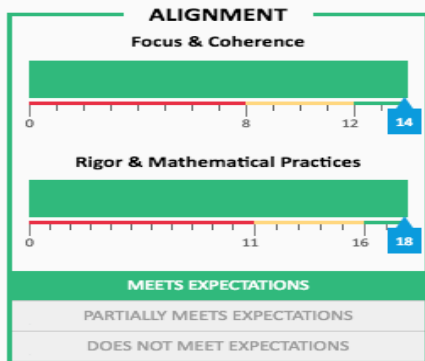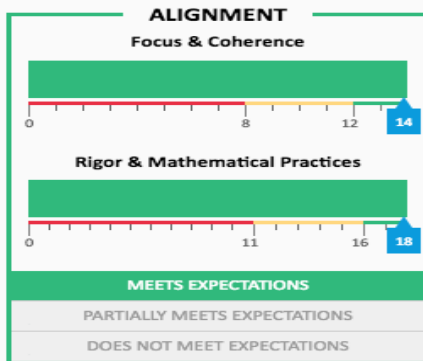
Grades 3-5 Summary of Alignment and Usability

The instructional materials for Ready Grades 3-5 meet the expectations for focus and coherence in Gateway 1. All grades meet the expectations for focus as they assess grade-level topics and spend the majority of class time on major work of the grade, and all grades meet the expectations for coherence as they have a sequence of topics that is consistent with the logical structure of mathematics. In Gateway 2, all grades meet the expectations for rigor and balance, and all grades meet the expectations for practice-content connections. In Gateway 3, all grades meet the expectations for instructional supports and usability. The instructional materials show strengths by being well designed and taking into account effective lesson structure and pacing, supporting teacher learning and understanding of the Standards, and supporting teachers in differentiating instruction for diverse learners within and across grades.
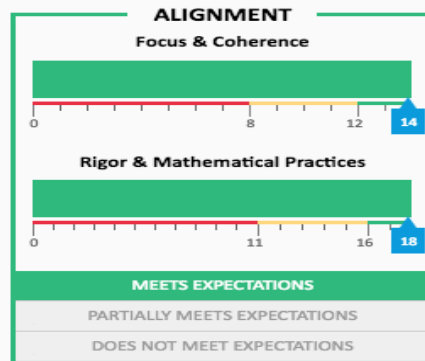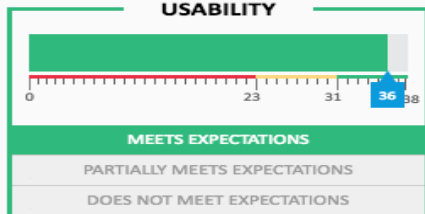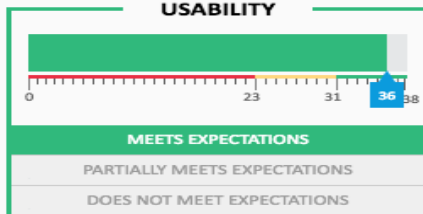
Third Grade

ALIGNMENT
Focus & Coherence

0   8   12   14

Rigor & Mathematical Practices

0   11   16   18

MEETS EXPECTATIONS
PARTIALLY MEETS EXPECTATIONS
DOES NOT MEET EXPECTATIONS

USABILITY

0   23   31   36   38

MEETS EXPECTATIONS
PARTIALLY MEETS EXPECTATIONS
DOES NOT MEET EXPECTATIONS

Fourth Grade

ALIGNMENT
Focus & Coherence

0   8   12   14

Rigor & Mathematical Practices

0   11   16   18

MEETS EXPECTATIONS
PARTIALLY MEETS EXPECTATIONS
DOES NOT MEET EXPECTATIONS

USABILITY

0   23   31   36   38

MEETS EXPECTATIONS
PARTIALLY MEETS EXPECTATIONS
DOES NOT MEET EXPECTATIONS

Fifth Grade

ALIGNMENT
Focus & Coherence

0   8   12   14

Rigor & Mathematical Practices

0   11   16   18

MEETS EXPECTATIONS
PARTIALLY MEETS EXPECTATIONS
DOES NOT MEET EXPECTATIONS

USABILITY

0   23   31   36   38

MEETS EXPECTATIONS
PARTIALLY MEETS EXPECTATIONS
DOES NOT MEET EXPECTATIONS

Diagnose and Monitor

Instruct

Adaptive Diagnostic and Growth Monitoring

i-Ready Diagnostic

An adaptive Diagnostic designed to collect a broad spectrum of information on students' ability that identifies areas where they are struggling, measures growth across a student's career, and plans an instructional path with a single measurement tool

Standards Mastery Monitoring

i-Ready Standards Mastery

Our new Standards Mastery tool provides targeted insight into a student's mastery of individual, grade-level standards

Alternatively, the following *Ready* assessment tools can be used instead of *i-Ready*:

• **Growth Monitoring:**
  Ready Assessments (PARCC, SBAC, or National)
• **Standards Mastery Monitoring:**
  Ready Instruction Interim Assessments

Whole Class Instruction

Ready Books and Online Teacher Toolbox

Instruct
Ready Instruction

Teacher-led, whole and small-group math instruction following a gradual-release model

Practice
Ready Practice and Problem Solving

Practice that can be assigned after every section of the *Ready* lesson for use in class, after school, or at home

Assess
Lesson Quiz PDFs

Lesson quizzes at the end of each *Ready* lesson to assess students on the lesson content and identify the need for reteaching

Small Group Differentiation

Online Teacher Toolbox

Reteach
Ready Instruction Prerequisite Lesson PDFs

Teacher-led, in-depth instruction using *Ready* lessons from earlier grades to review prerequisite concepts or fill in gaps in student knowledge

Student-Led Activity
Math Center Activity PDFs

Student-led games and activities available for each standard in three different versions for use with on-level, below level, and above level groups

Teacher-Led Activity
Tools for Instruction PDFs

Teacher-led activities for use with small groups of students requiring additional instruction on a prerequisite or on-level skill

Also available with i-Ready Instruction.

Personalized Learning and Intervention

i-Ready Instruction

Online Instruction
i-Ready Instruction

Animated, interactive lessons that allow students to work independently on their personalized online instruction plan

Fluency Practice
Door 24® Plus iPad® App

Fact and computational fluency games that provide personalized practice based on an adaptive assessment

*iPad® is a trademark of Apple Inc., registered in the U.S. and other countries.*

Data from Redmond, Oregon. This is from the 2016-17 SY. Mid-year performance and growth:

Performance and Growth by Grade

Comparison of median student performance and median growth percentile at 18 weeks by grade.

Mid-Year Performance and Growth Comparison

Performance: median student performance relative to the National Norm, where the 50th percentile equals the national average.*

Growth: median student growth, relative to national growth averages from fall to winter.**
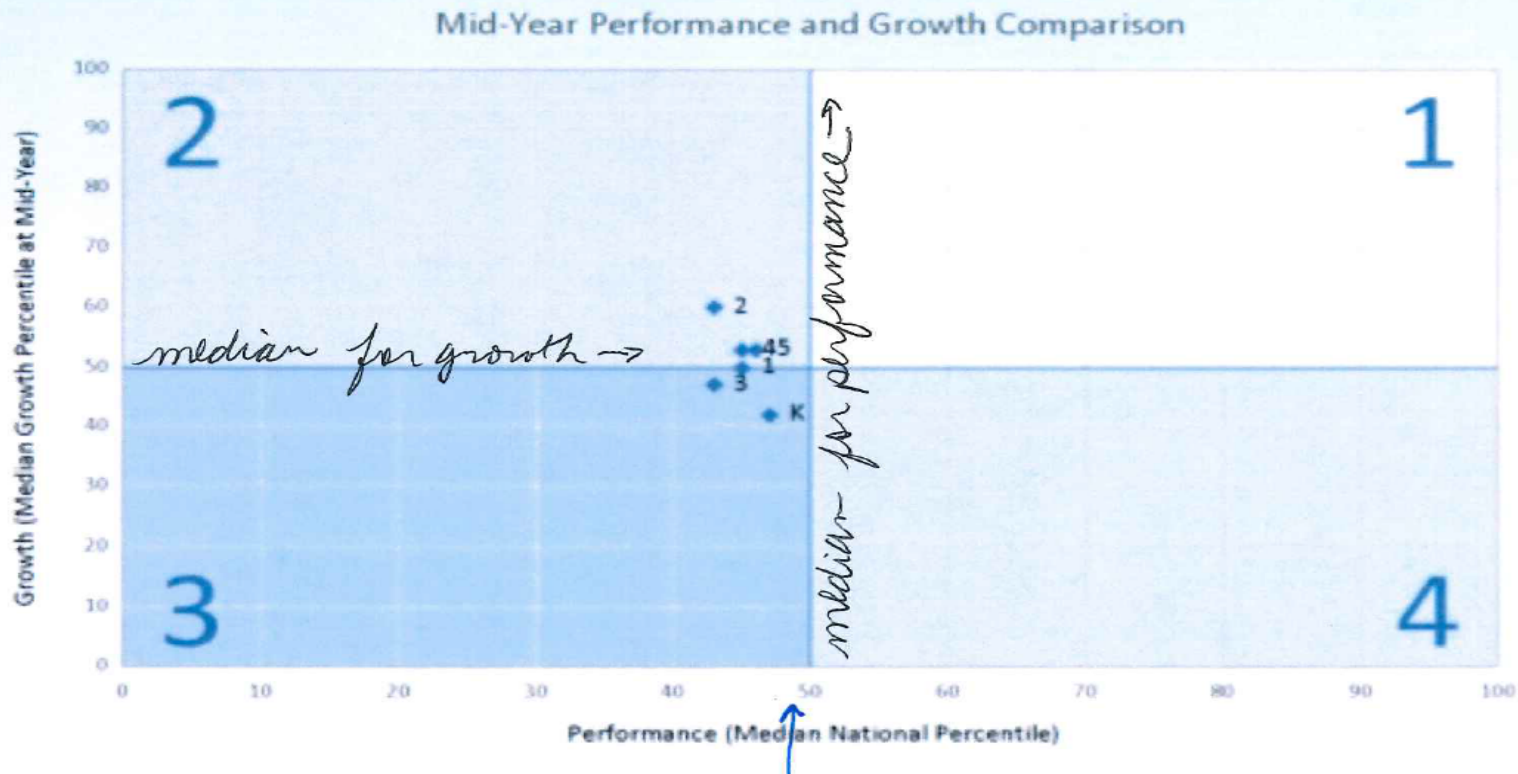
End-of-year performance and growth:

Performance and Growth by Grade

**Comparison of median student performance and median growth percentile at 30 weeks by grade.**

End-of-Year Performance and Growth Comparison

Performance: median student performance relative to the National Norm, where the 50th percentile equals the national median. *

Growth: median student growth, relative to national growth medians from fall to spring. **
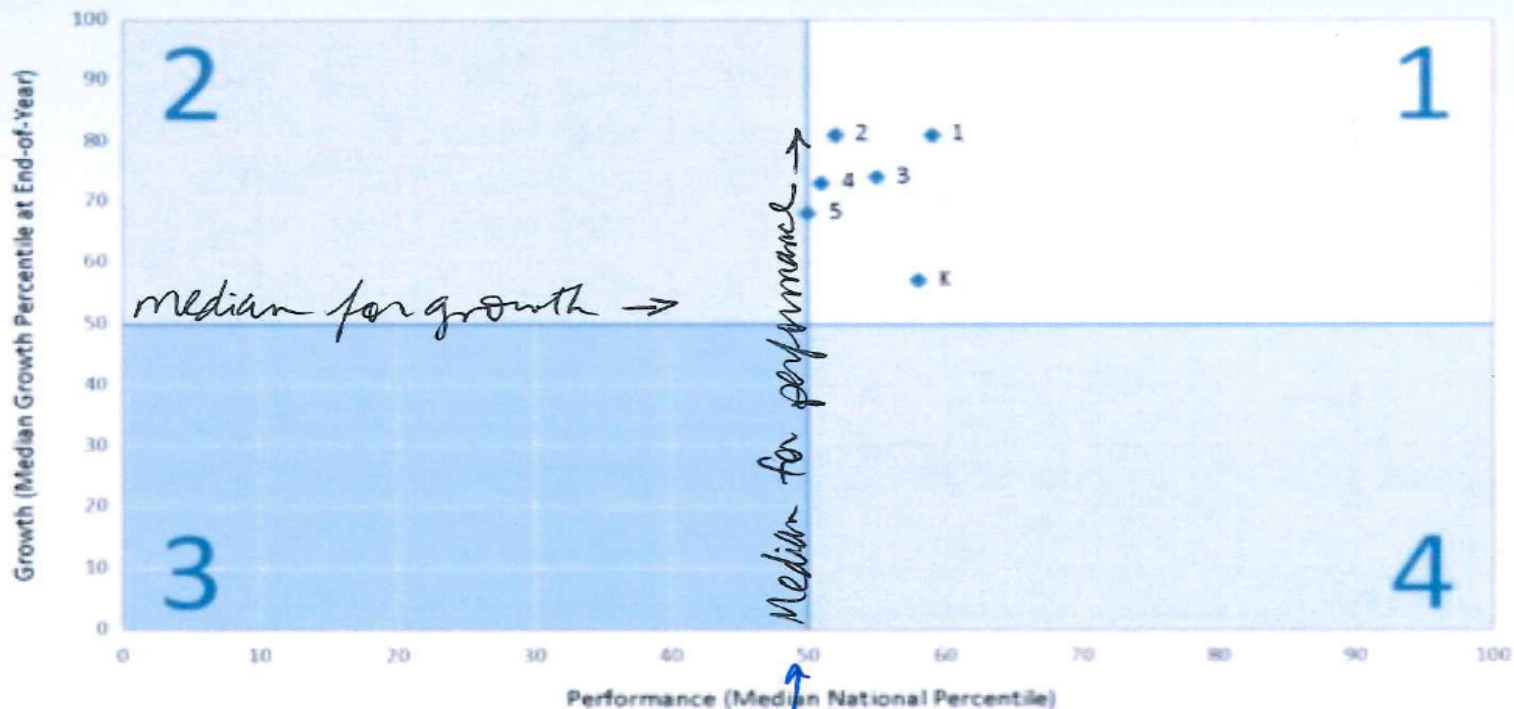
Redmond School District 2J
Smarter Balanced - Mathematics
2 Year Achievement by Grade Level
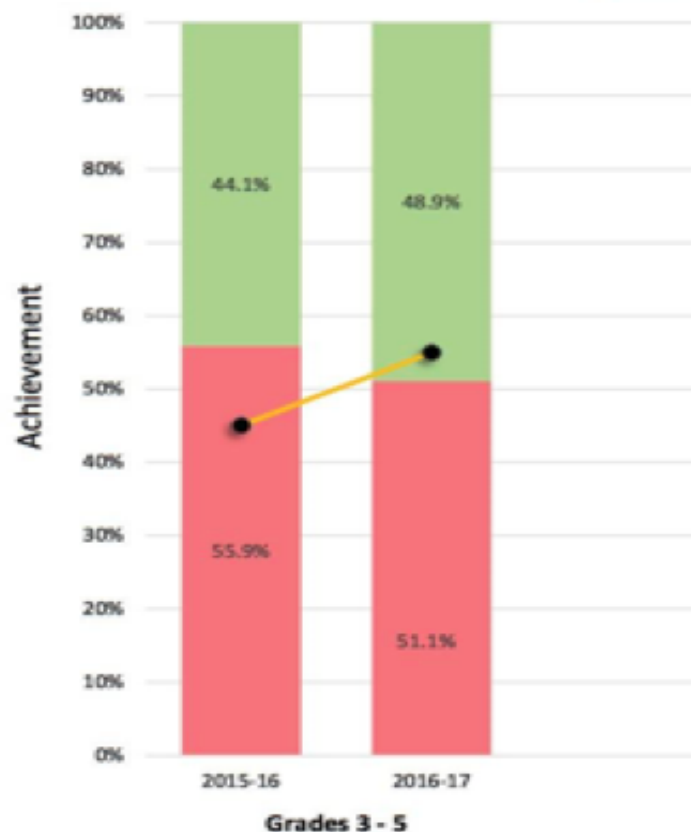
After One Year of Implementation:

- Increased Achievement

- Increased Growth

- Performing above:
  - State Average
  - Like-Districts

Grades 3 - 5

% Does not meet   % Meets or Exceeds   Math Median Growth Percentile

What do other districts say about Ready Math?

"The materials incorporate lots of class discourse.... Engaging students in collaboration, partner work, and projects.

"This is not a traditional "stand and deliver" program."

What do other districts say about Ready Math?

"Using this program, teachers learned to ask questions, rather than give answers. The materials allow for…a lot of modeling rather than just procedural."

"The level of conceptual understanding is more than our teachers and students and parents have been exposed to before."

What do other districts say about Ready Math?

"The i-Ready growth we have seen has been very good....In the past, we had many students more than 2 grade levels below. This year, comparing our Fall diagnostic to our Winter diagnostic here is the data...."

7th grade

8th grade

19 kids moved out of Tier 3	15 kids moved out of Tier 3
13 kids moved out of Tier 2	11 kids moved out of Tier 2
28 kids moved into Tier 1	33 kids moved into Tier 1

"Our average score gain was 10 points for 7th grade and 9 points for 8th grade. So, we are happy with this as it is beginning to bridge the gap. We will be giving the spring

Support for Bilingual-Qualified Students

- ELL support tips for Teachers
- Quick checks for remediation
- Student books are available in English and Spanish
- Spanish version is printable from the Teacher's Toolbox online.
- Parent letters available in English & Spanish

Committee Thoughts & Transition

Elementary Health: Riding the Waves & Second Step

Jim Broome

Middle School Health: Look, Listen, Link

Sally Dieringer

Wenatchee High School

AP Comparative Government:

- *Essentials of Comparative Politics with Cases* &
- *AP Comparative Politics: An Essential Coursebook*

Scott Tiedeman

Wenatchee High School
AP Environmental Science:
- *Exploring Environmental Science for AP*

Graham Stansbery

Wenatchee High School
Marine Biology :

- *Marine Science*

Joyce Block

Wenatchee High School
French:

- *Rond-Point Une Perspective Actionnelle*, 2nd edition

Jon Magnus/Rachael Simmons

Wenatchee High School

AP US History:

- *The American Pageant,* 16th edition

Brandon Harle

Wenatchee High School

AP Human Geography:

- *The Cultural Landscape: An Introduction to Human Geography AP*, 12th edition

Brandon Harle

School Board Curriculum Display

When: April 24 - May 7

Where: School Board Conference Room

What: Curriculum materials and online access