MAP GROWTH
FOR WESTPORT FAMILIES

UNIVERSAL SCREENING

WHAT IS UNIVERSAL SCREENING?

ASSESSMENT

READING

MATHEMATICS

3 TIMES PER YEAR

WHY UNIVERSAL SCREENING?

Identify students in need of additional academic support

Support learning for all students, across the achievement spectrum

MAP GROWTH

2017-2018 SELECTION COMMITTEE

Committee Chair: Colleen Banick, BMS Assistant Principal

ELEMENTARY LEADERS	*SECONDARY LEADERS*
Ali Moran (Long Lots AP)	Jen Alfano (Literacy Teacher)
Chris Breyan (Greens Farms AP)	Keri Jockers (Bedford Reading)
Julie Droller (Director of Elementary Education)	Kevin Cuccaro (Bedford Math)
Kim Abrosio (Coleytown AP)	Megan Gallant (Bedford Middle Special Education)
Sally Joyce (Special Education Teacher)	Meghan Ward (Staples AP)
	Rebecca Marsick (Staples English)

Committee Support: Jessica Goldstein, Consultant

STRENGTHS OF MAP GROWTH
IDENTIFIED BY WPS COMMITTEE

- Adaptive

- Extends beyond current grade level

- Reports include both current knowledge and growth over time

- Assesses each area with 7-10 items for greater score accuracy as compared to other products

- Aligned to Common Core content strands

- Provides separate scores for literature and informational text

- Includes prediction of Smarter Balanced Assessment achievement level

- NWEA offers an aligned progress monitoring tool

- Extends to ninth grade content

- Includes a science assessment

- Connects with Edmentum, a product used at the high school level to inform intervention courses

- Research-based assessment, large database of student data

STUDENT PROGRESS REPORTS
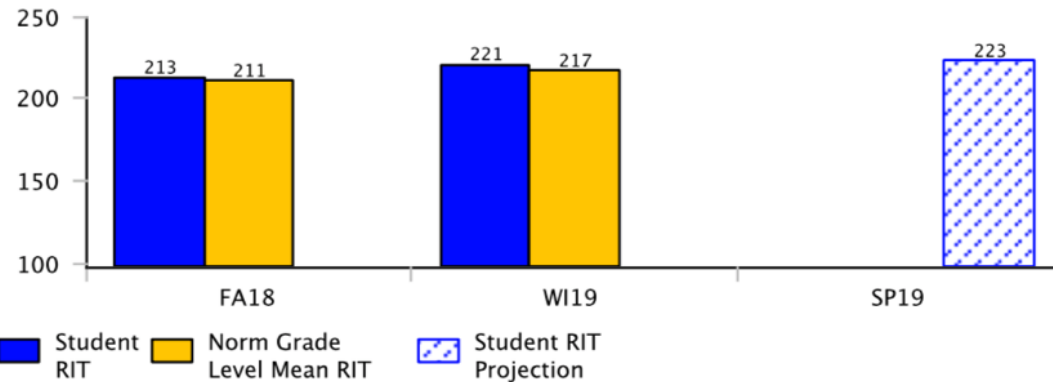
STUDENT PROGRESS REPORTS

RIT SCORE

RIT (**R**asch Un**it**) is a term NWEA uses to describe students' scores

RIT is an equal interval scale

THINK OF THE RIT SCALE LIKE A RULER

A ten-point difference at the top of the scale means the same thing as a ten-point difference bottom of the scale

RIT scores are scale scores
- Scale scores account for the number of questions answered correctly as well as the difficulty of those questions
- Scale scores are used on adaptive assessments to compare students' scores for different sets of items

STANDARD ERROR

Standard errors help us remember assessment scores are **ESTIMATES** *of knowledge and ability*

The standard error is a statistical prediction of the range of scores a student might earn if they took a test multiple times. The standard error is typically presented as a band or range ("error band" or "margin of error").

Scale Score

← Error Band
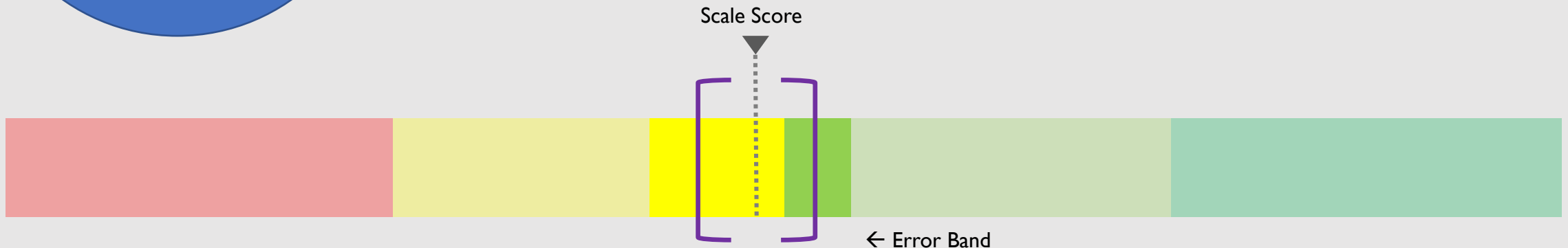
NATIONAL NORMS

- NWEA includes national norms to contextualize student RIT scores

- Norms are based on a 2015 research study

  - 10.2 million students

  - 23,500 public schools

  - 6,000 districts

  - 49 states.

- For each student and testing session, norms are calculated from:

  - Student performance (RIT score)

  - Student grade level

  - Number of weeks of instruction for students at the time of testing

INTERPRETING REPORTS

Mathematics

Westport student data appears in BLUE. National norm data appears in YELLOW.

The Norm Grade Level Mean RIT is the average score for students who were in the same grade and who tested in the same term, as observed in the NWEA norms study.
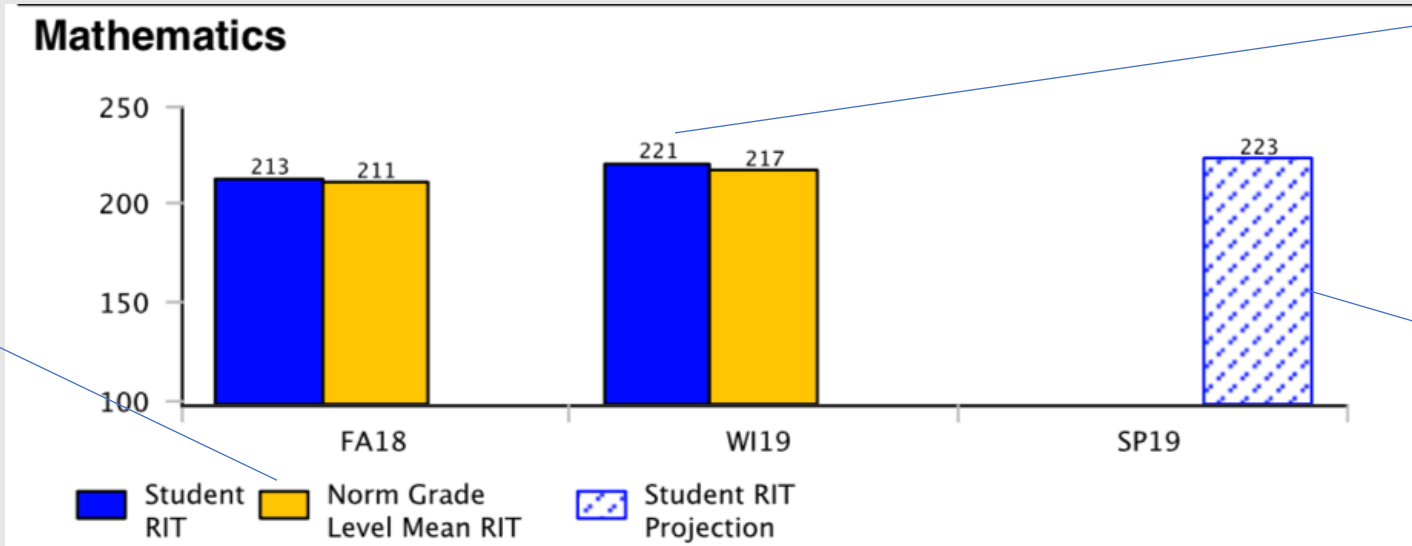
This student had a higher score in the Winter than in the Fall.

This student's performance exceeded the national norms in Spring and Winter.

The projected RIT score is based on the student's RIT score in Winter and the average RIT growth of students who were in the same grade and tested in the same term in the national norming study.

This student's RIT score in Fall 2018 was 213.
This student's RIT score in Winter 2019 was 221.

INTERPRETING REPORTS

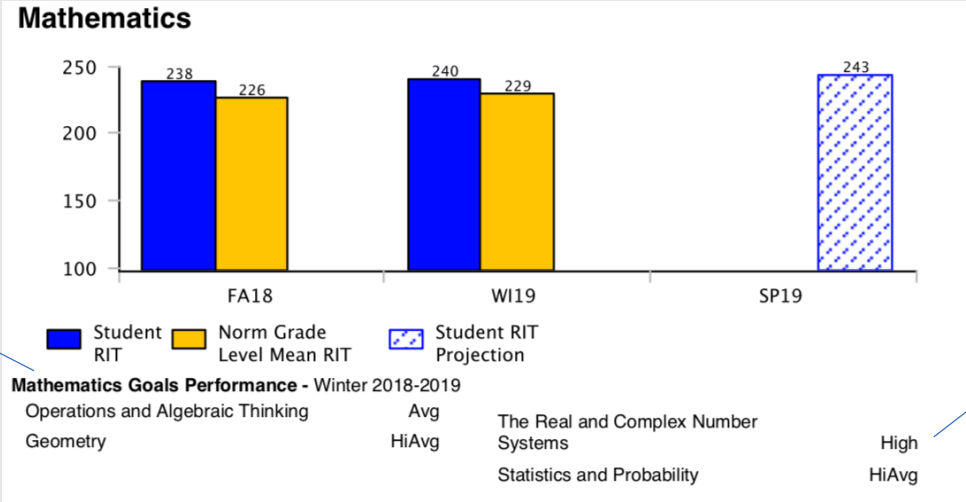The bolded middle number is the student's RIT Score. The numbers on either side define the error band.

These percentiles are based on national norms. The range is based on the standard error.

Term/Year	Grade	RIT (+/- Std Err)	RIT Growth	Growth Projection	Percentile Range
FA18	7	229-**232**-235			66-**72**-77
SP18	6	224-**227**-230			49-**57**-64

INTERPRETING REPORTS

Mathematics

Mathematics bar chart showing Student RIT, Norm Grade Level Mean RIT, and Student RIT Projection:
- FA18: 238, 226
- WI19: 240, 229
- SP19: 243 (projection)

Legend:
- Student RIT (blue)
- Norm Grade Level Mean RIT (yellow)
- Student RIT Projection (hatched)

Mathematics Goals Performance - Winter 2018-2019

Operations and Algebraic Thinking	Avg
Geometry	HiAvg
The Real and Complex Number Systems	High
Statistics and Probability	HiAvg

Reading

Reading bar chart showing Student RIT, Norm Grade Level Mean RIT, and Student RIT Projection:
- FA18: 219, 217
- WI19: 227, 219
- SP19: 222 (projection)

Legend:
- Student RIT (blue)
- Norm Grade Level Mean RIT (yellow)
- Student RIT Projection (hatched)

Reading Goals Performance - Winter 2018-2019

Literary Text: Key Ideas and Details	High
Informational Text: Key Ideas and Details	HiAvg
Vocabulary: Acquisition and Use	HiAvg
Literary Text: Language, Craft, and Structure	Avg
Informational Text: Language, Craft, and Structure	Avg
Lexile® Range	1110L-1260L

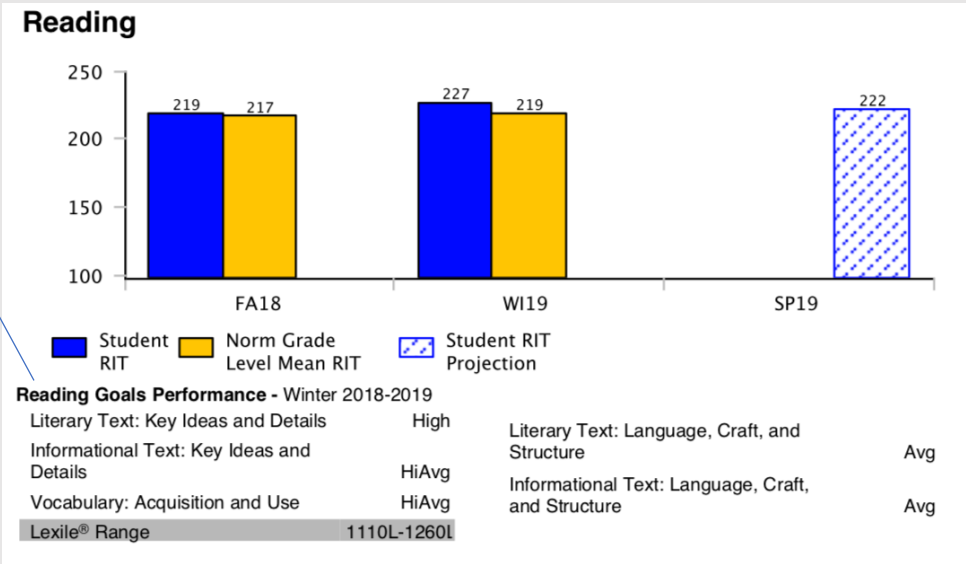*These are the instructional goal areas, or the sections of the assessment.*

These descriptors are based on national norms.

Low: Below 21st percentile
LoAvg: 21st – 40th percentile
Avg: 41st – 60th percentile
HiAvg: 61st – 80th percentile
Hi: At or above the 81st percentile

MOVING FORWARD

- MAP Growth can help you better understand your child's strengths and growth areas

  - Consider how MAP Growth scores align with everything else you know about your child's academic development

- MAP Growth is an important data point, but **not the only data point we use to evaluate your child's learning**

- Connect with your child's teacher

QUESTIONS & CONVERSATION