

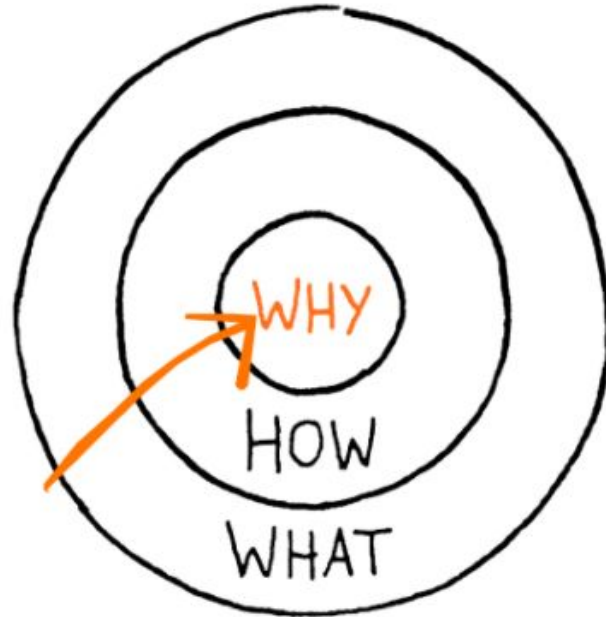
NWEA MAP  
TESTING at SCIS

---

March 7, 2018

Start with Why!

## The Golden Circle



# Purpose of MAP Testing - School

---

To provide quality assurance of SCIS programming with external standardized testing

## Purpose of MAP Testing - Teachers/Students

---

- To monitor student growth throughout the year and track progress across years
- To assist teachers in better meeting the needs of individual students
- To provide students, parents, and teachers reflective data

# Testing

---

Grade 6-8 - Twice a year for Language, 3 Times for Mathematics

Grade 9 - Twice a year for Language and Mathematics

“Windows” happen three times a year - fall, winter, spring.

Testing happens in Math, English, IAS classes

# Testing

---

Testing windows are opened for the “System” - SCIS - HQ, PD, HZ

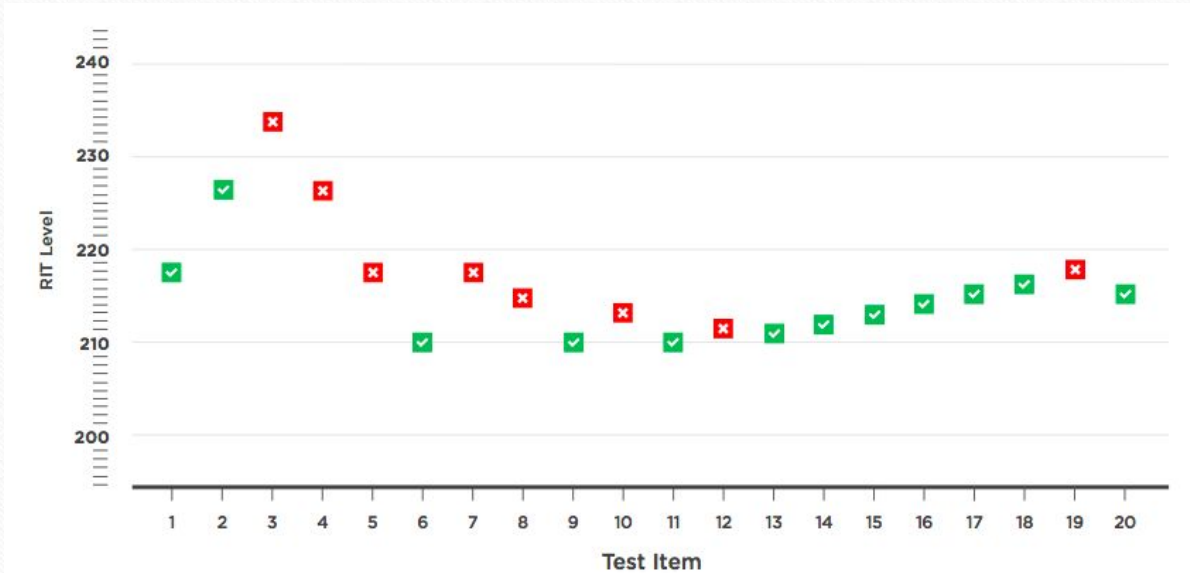
Results are published for teachers on NWEA Website and Parent Access is on ManageBac (Winter results published Friday)

# What is RIT?

---

- RIT stands for Rasch Unit
- A measurement unit created by NWEA to measure academic achievement on the tests
- Goes beyond grade level to assess academic knowledge, skills, and abilities
- Note: Designed with English language proficiency in mind

# How the Tests Work





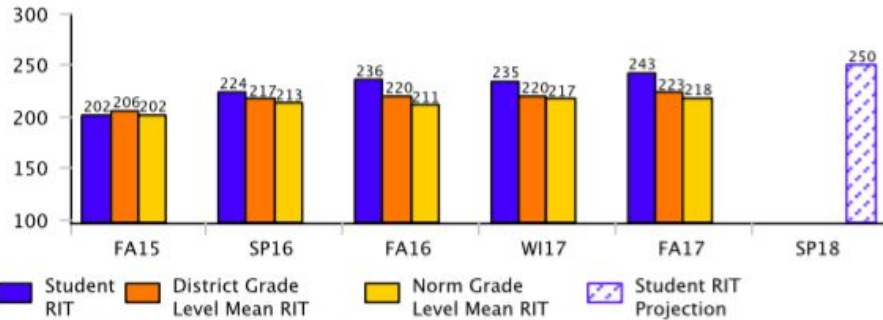
# How to Read the Report

---

- For each subject area (Math, Reading, and Language Usage) 3 types of data are given:
  - Student Data
  - District Data
  - Norm Data

# Example

## Mathematics



Term/Year	Grade	RIT (+/- Std Err)	RIT Growth	Growth Projection	Percentile Range
FA17	6	240-243-246			93-95-97
WI17	5	232-235-238			83-88-91
FA16	5	233-236-239			93-95-97
SP16	4	221-224-227	22	12	69-76-82
FA15	4	199-202-205			42-50-58
FA15	4	201-204-207			48-56-64

### Mathematics Goals Performance - Fall 2017-2018

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

# Link to NWEA Parent Page

---

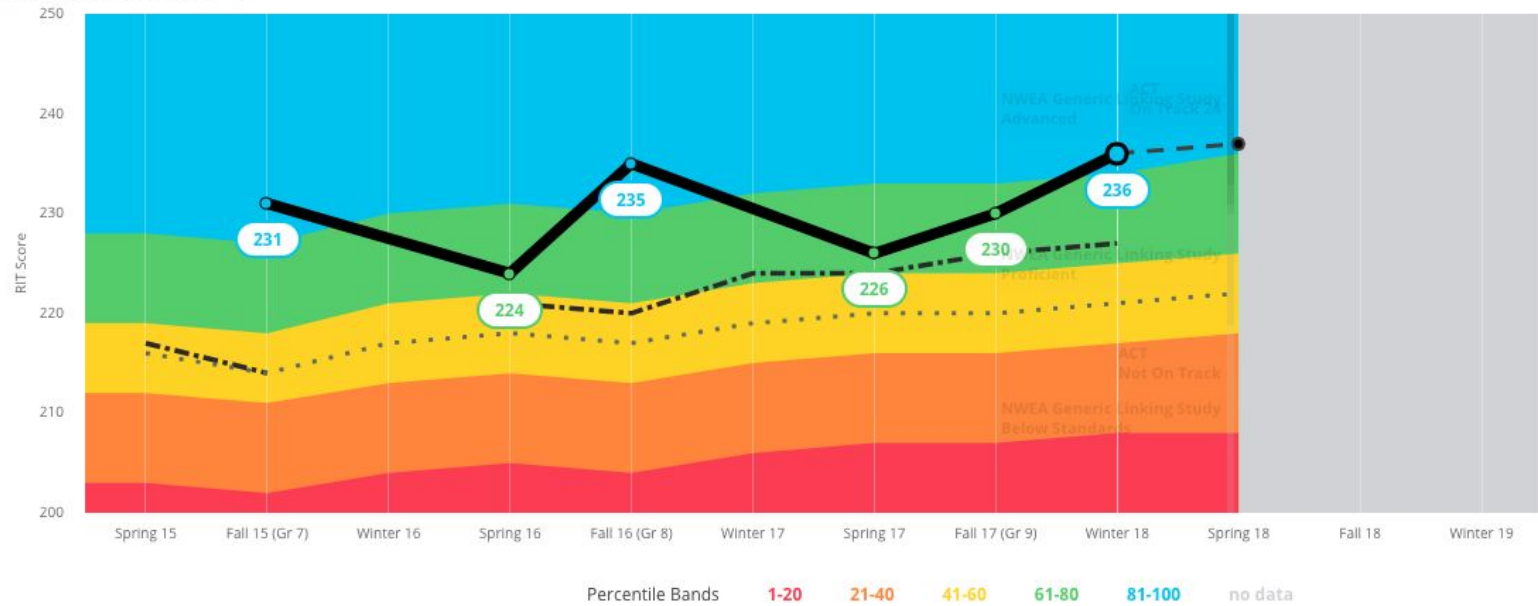


# Importance of MAP Scores

---

Tracking/Trends - New feature allows us to see historical data and look for any issues with student learning

GROWTH OVER TIME ?



- RIT Score: Reading
- Projected Score: Reading
- Typical Performance
- District Grade Level Mean
- Linking Study
  - ACT
  - NWEA Generic Linking Study

Some future terms are not yet setup in the system. ?

# Importance of MAP Scores

---

Triangulation - Do these scores in the context of the divisional and norm scores make sense based on your knowledge of your child?

# Importance of MAP Scores

---

Singularity - MAP tests very specific skills - computation in Math and reading/comprehension/editing in English.

# Importance of MAP Scores

---

Richness - MYP Assessment is broader, more comprehensive, and deeper (accessing creative and critical thinking in language and mathematics)



# New Features

---

Highlights - Learning Statements and Instructional Areas

MAP provides teachers with specific recommendations in targeted areas - where new skills can be reinforced, developed, and introduced

# Language: Understand, Edit for Mechanics

## ✓ Punctuation

---

### Colons, Semicolons

---

**Evelyn is ready to DEVELOP these skills (231-240):**

Understands that a semicolon separates elements in a complex list

Uses a semicolon to separate independent clauses

### Multiple Punctuation Rules

---

**Evelyn is ready to DEVELOP these skills (231-240):**

Edits for correct punctuation throughout a passage

### Quotation Marks and Dialogue

---

**Evelyn is ready to DEVELOP these skills (231-240):**

Understands that single quotation marks punctuate a quotation within a quotation

# Using Data - Next Steps (Students)

---

## **Skill Intervention**

MAP provides links for teachers based on student RIT scores to word lists, and concept maps for reading and language use

# Using Data - Next Steps (Students)

**221–230**

Grade 9,  
mid to end of year

Grade 10,  
mid to end of year

Grade 11,  
beginning  
to end of year

**Concepts building on topics from prior RIT bands:**

allegory

all-knowing

extended metaphor

†distinguish between

fablest

legendst

mythst

sonnet

talest

**231–240**

**Concepts building on topics from prior RIT bands:**

ironic point of view (effect on meaning)

stage directions

tone

**241–250**

**Concepts building on topics from prior RIT bands:**

satirical passage (understand author's point)

# Using Data - Next Steps (Students)

---

## Skill Intervention

MAP provides links to **Khan Academy** in to practice and grow in Mathematics

SCIS teachers have also made links to **IXL** for practice and growth

# Using Data - Next Steps (Students)

## Operations and Algebraic Thinking

### Expressions and Equations

### Standards Alignment

RIT Range: 220-223

[Exponents](#)

6.EE.A.1

[Exponents \(basic\)](#)

6.EE.A.1

[Powers of fractions](#)

6.EE.A.1

[Variable expressions with exponents](#)

6.EE.A.1

[Order of operations challenge](#)

6.EE.A.1 | 6.EE.A.2

[Evaluating expressions with multiple variables](#)

6.EE.A.2

[Evaluating expressions with multiple variables: fractions & decimals](#)

6.EE.A.2

[Evaluating expressions with one variable](#)

6.EE.A.2

## Using Data - Next Steps (School)

---

We check our district performance against the world averages by grade level in all three categories.

SCIS is consistently performed above these averages.

We will begin to look at the impact the MYP has on scores