Process Improvement Meeting Agenda – 5/20

- MEVA Mission and Vision.
- Progress Monitoring: Accuplacer Results.
- Progress Monitoring: School Climate - Grade-Level Advisory Groups.
- Win over the student initiative.
- Progress Monitoring: Spring 2024 Maine Through Year (MTY) and MEA Science Participation Report (First Week) – Stephanie Emery.
- NWEA Longitudinal Data – Christina O'Grady.
- Evidence-Based Practice: We-Care Model Presentation – Clarissa Bernardini and Dan Bernardini.
- Other and next Process Improvement Meeting on **Monday, June 3rd, 3:00 pm**. Two remaining SY-2023-2024 Meetings are on June 3rd and 10th.

MEVA Mission and Vision

School Mission:

Maine Virtual Academy's (MEVA) mission is to develop each student's full potential with learner-centered instruction, research-based curriculum and educational tools and resources to provide a high-quality learning experience for grade 7-12 students who are in need of alternative educational options. **MEVA will develop an Individualized Learning Plan (ILP) with specific learning goals to meet each student's needs.** MEVA's rigorous curriculum is aligned to the eight Maine content areas, the Maine Learning Results, the Common Core State Standards and the Next Generation Science Standards.
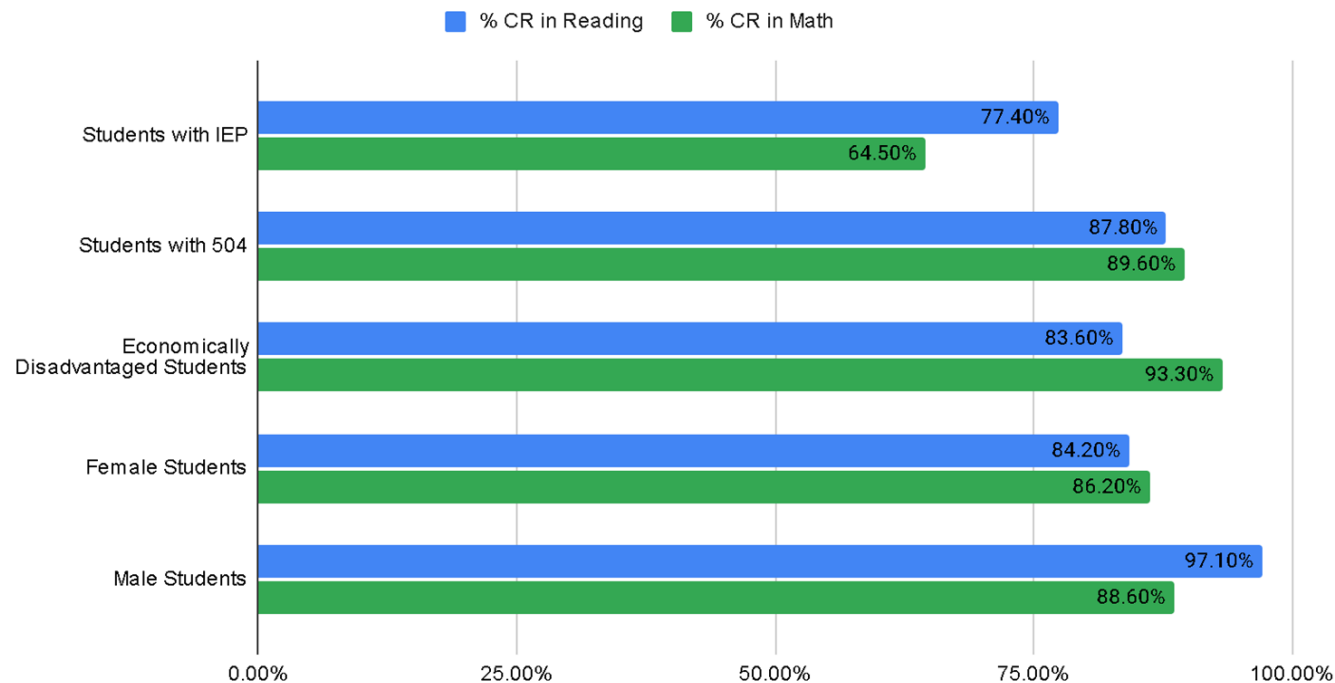
School Vision:

MEVA will be a leading 21st century public charter school in Maine and will improve student learning outcomes through individualized instruction, as evidenced by student academic proficiency, student academic growth, post-secondary readiness, and the demonstration of 21st century skills such as critical thinking, problem solving, and self-direction. MEVA will empower students to acquire the academic and life skills needed to succeed in post-secondary education and career opportunities. Our graduates will be prepared for college or other postsecondary career training opportunities

SY-2023/2024 ACCUPLACER Data

Total Number of Students to be Assessed	171
Actual Number of Students Assessed	163 - Reading 162 - Math
Percentage of Students Assessed	95%
Percentage of Students with College Readiness Indicator of 239 or above in reading	87%
Percentage of Students with College Readiness Indicator of 226 or above in math	88%

ACCUPLACER Subgroup Data

Students Likely to Graduate as of 5/16/24

■ % CR in Reading   ■ % CR in Math

Subgroup	% CR in Reading	% CR in Math
Students with IEP	77.40%	64.50%
Students with 504	87.80%	89.60%
Economically Disadvantaged Students	83.60%	93.30%
Female Students	84.20%	86.20%
Male Students	97.10%	88.60%

SY- 2023/2024 ACCUPLACER Data

- ○ 171 Students are likely to graduate by June 7th, of these students 163 completed the Reading and 162 completed the Math (95% participation)
- ○ Overall, 87% of students tested were college-ready in Reading and 88% in Math
- ○ The subgroup metric is 75% of students meeting the college-ready mark, we are meeting in every subgroup except students with an IEP in math (64.5%)

SY-2023/2024 School Climate - Advisory Group Progress Monitoring

MEVA Grade-Level Advisory Groups meet weekly. Students complete their Individual Learning Plan (ILP), Panorama School Climate Survey, and study twenty-first century skills. Students may receive credit f they pass the required content assignments. We will add percentages of favorable school climate scores, once they are available in June.

	Avg. Student Attendance	Avg. Teacher Attendance	Avg. Teacher Mins	Survey Completion	ILP Completion	Pass/Fail Percentage	Survey Scores
7th Grade	70.55%	91.70%	46.79	96.00%	76.00%	76.00%	
8th Grade	65.79%	88.68%	44.02	85.00%	87.00%	81.00%	
9th Grade	61.02%	81.90%	46.28	83.00%	90.00%	69.00%	
10th Grade	40.33%	87.20%	37.43	63.00%	85.00%	64.00%	
11th Grade	36.51%	84.09%	34.21	74.00%	86.00%	64.00%	
12th Grade	43.20%	91.21%	52.19	84.00%	92.00%	69.00%	

Win Over the Student!

Thoughtful and consistent communication is the foundation on building successful rapport with our families and students.

Immediate intervention has been recognized as the most effective method in student retention. Every role within the school plays an important part in this effort.

Without our Students there would be no MEVA!

Win Over & Rapport

- **Win Over**: is a proactive approach/mindset. Win "back" is more reactive and is also needed in some cases, like in progress withdrawals as an example.

- **Rapport Definition**:
  - The Merriam-Webster Dictionary defines Rapport as; *a friendly, harmonious relationship especially : a relationship characterized by agreement, mutual understanding, or empathy that makes communication possible or easy.*

- **Google Dictionary - Examples of Further Meaning**;
  - 1. Rapport is a good sense of understanding and trust.
  - 2. A close and harmonious relationship in which the people or groups concerned understand each other's feelings or ideas and communicate well. Example, *"she was able to establish a good rapport with the children"*

Communication

- **<u>In ALL Cases</u>**;

    - Communication should always exhibit compassion, empathy and kindness.

    - Be an effective communicator, timely and responsive.

    - Exhibit a willingness to help and serve our families well.

    - Never forget to share the vast opportunities we have at MEVA to support our students!

Withdrawal Mitigation Process

- **<u>Ask why?</u>** – Use phrases like, "*<u>Before</u>* you withdraw, tell me about your reason. There may be something we can do for you."

- **<u>Listen for keywords</u>**; lack of support, socialization, motivation challenges, tech or navigation challenges and so forth.

- **<u>As you listen, empathize</u>** – Understand their position and their feelings. Many times, families or students have been thinking about withdrawal for a while.

- **<u>Advocate for MEVA's programs</u>** – Share information on our clubs, self-paced options, and student support opportunities. See if they are willing to have a team meeting to talk over work credit options, early college opportunities, and so much more. Some students may qualify for early graduation.

- **<u>Document, document, document</u>** – your mitigation efforts in contact logs within Infinite Campus, then *<u>submit an intervention form</u>*. Familiarize yourself with the form selections to be aware of the kinds of barriers that lead to withdrawals.

- **<u>Link to the form</u>**: [23-24 Rapid Intervention Form (RIF)](#)

Progress Monitoring: State Assessment Participation Update (First Week)

MTY Math/Reading Overall Participation as of 5/17 = 86.67%

	Total Students	MTY Math	% MTY Math	MTY Reading	% MTY Reading
7th Grade	25	24	**96.00%**	24	**96.00%**
8th Grade	67	60	**89.55%**	59	**88.06%**
10th Grade	88	72	**81.82%**	70	**79.55%**
Schoolwide	180	156	**86.67%**	153	**85.00%**

Science Overall Participation as of 5/17 = 85.62%

	8th Grade	11th Grade	Total
Completed	60	83	143
NA	1	4	5
Not Submitted	6	13	19
Grand Total	67	100	167
	89.55%	**83%**	**85.62%**

From Cornell's TCI and CARE model.

we**CARE**

	WILLING	NOT WILLING
ABLE	**ACKNOWLEDGE** Give positive attention Join in activity Ask child to teach others	**ENCOURAGE** As if Offer assistance Give Choices Predict the future Make a request Natural or logical consequence
NOT ABLE	**TEACH** Give positive attention Join in activity Ask child to teach others	**CHANGE EXPECTATIONS** Change the expectation Redirect the activity Drop the expectation

SPUR WINK

Longitudinal NWEA Data

2019-2024
Spring 2024 Data

Introduction

In this report the data was analyzed by the time that students have attended MEVA. The students are grouped according to their enrollment year and the length of time at MEVA.

The instructional areas within each content area were analyzed to determine the areas of strength and weakness per grade level and per percentile band.
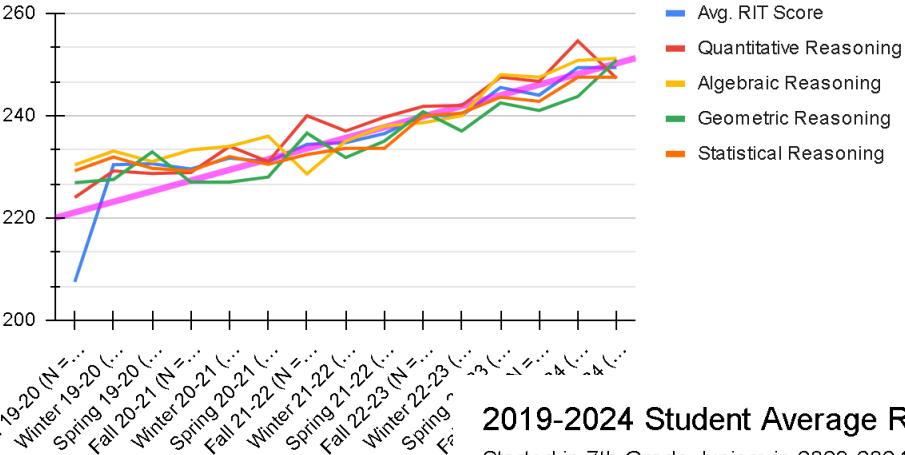
5-Year Students
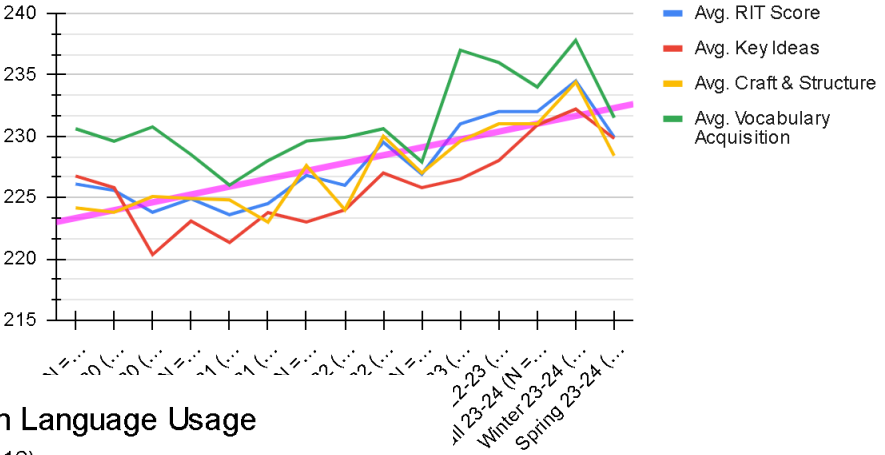
Started in 2019 as 7th Graders, Now Juniors (N = 12)
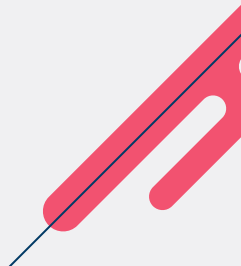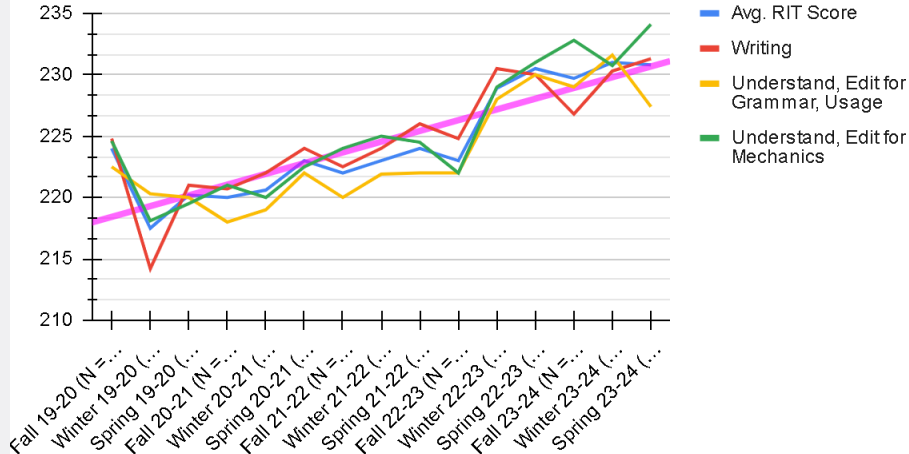
2019-2024 Student Average RIT in Math
Started in 7th Grade Juniors in 2023-2024 (N = 12)

- Avg. RIT Score
- Quantitative Reasoning
- Algebraic Reasoning
- Geometric Reasoning
- Statistical Reasoning

2019-2024 Student Average RIT in Reading
Started in 7th Grade Juniors in 2023-2024 (N = 12)

- Avg. RIT Score
- Avg. Key Ideas
- Avg. Craft & Structure
- Avg. Vocabulary Acquisition

2019-2024 Student Average RIT in Language Usage
Started in 7th Grade Juniors in 2023-2024 (N = 12)

- Avg. RIT Score
- Writing
- Understand, Edit for Grammar, Usage
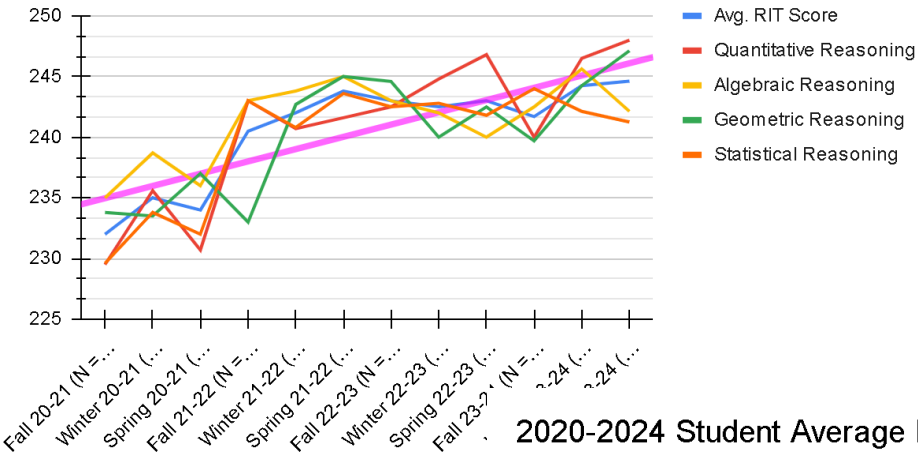- Understand, Edit for Mechanics

4-Year Students

Started in 2020 as 8th Graders, Now Juniors (N = 8)
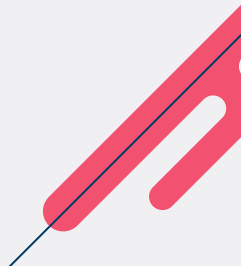
2020-2024 Student Average RIT in Math

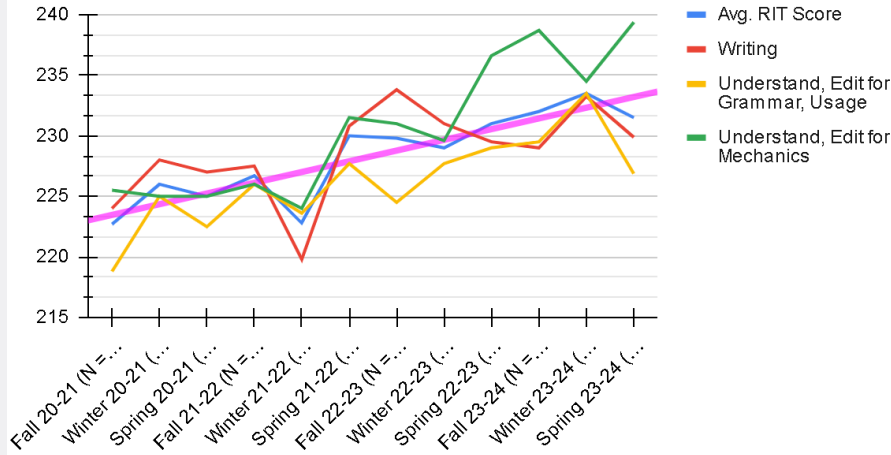Started in 8th Grade Juniors in 2023-2024 (N = 8)

Legend:
- Avg. RIT Score
- Quantitative Reasoning
- Algebraic Reasoning
- Geometric Reasoning
- Statistical Reasoning

2020-2024 Student Average RIT in Reading

Started in 8th Grade Juniors in 2023-2024 (N = 8)

Legend:
- Avg. RIT Score
- Avg. Key Ideas
- Avg. Craft & Structure
- Avg. Vocabulary Acquisition

2020-2024 Student Average RIT in Language Usage

Started in 8th Grade Juniors in 2023-2024 (N = 8)

Legend:
- Avg. RIT Score
- Writing
- Understand, Edit for Grammar, Usage
- Understand, Edit for Mechanics
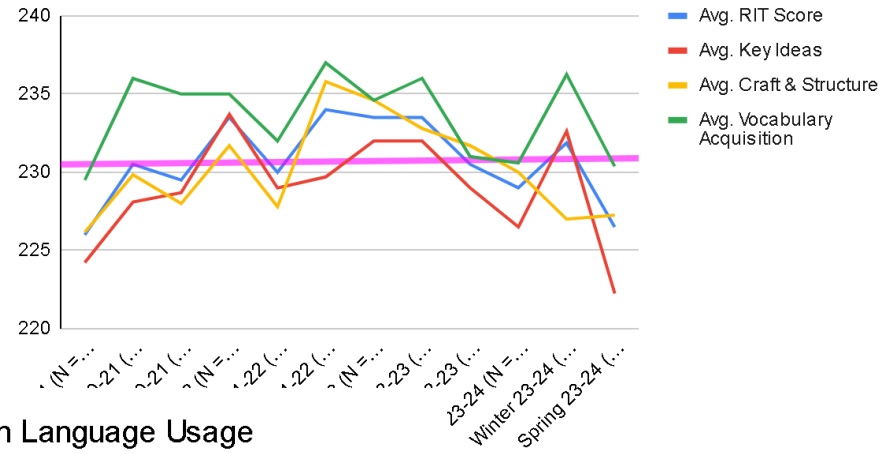
4-Year Students

Started in 2020 as 7th Graders, Now Sophomores (N = 9)

2020-2024 Student Average RIT in Math

Started in 7th Grade Sophomores in 2023-2024 (N = 9)

2020-2024 Student Average RIT in Reading

Started in 7th Grade Sophomores in 2023-2024 (N = 9)

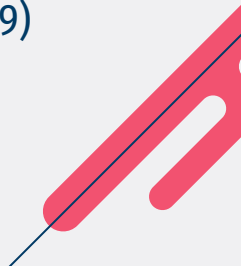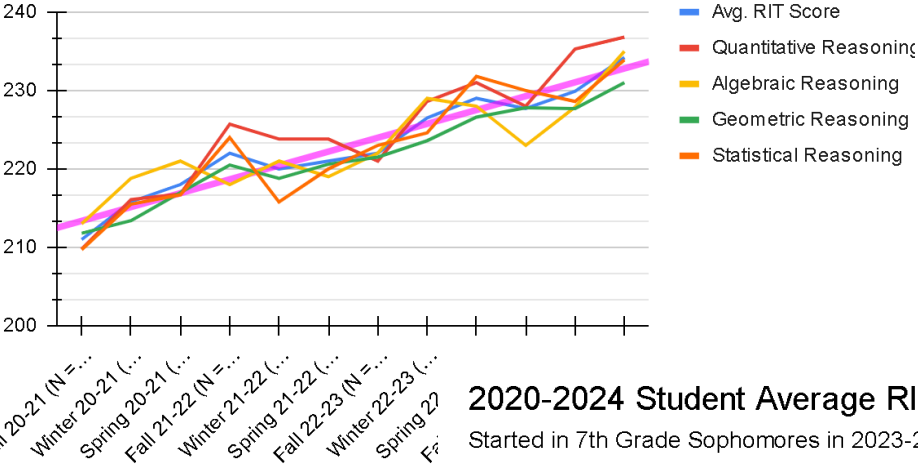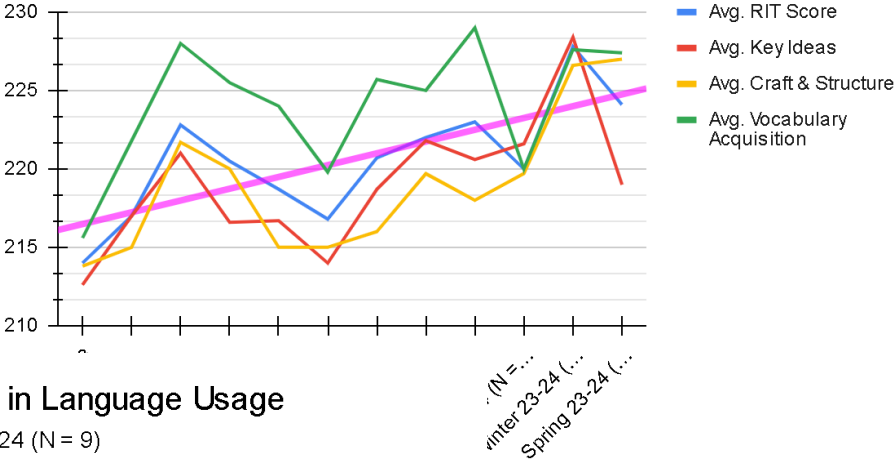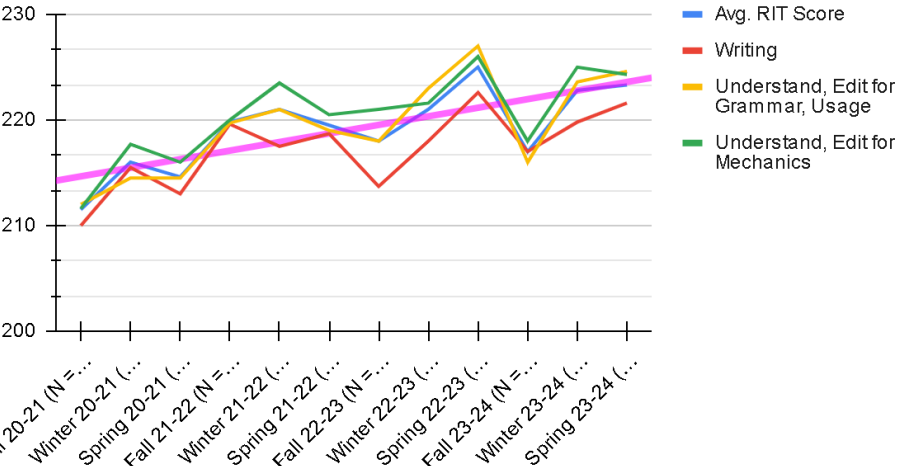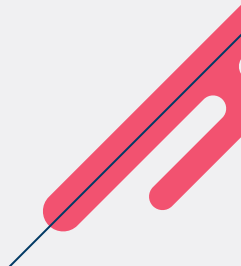# 2020-2024 Student Average RIT in Language Usage

Started in 7th Grade Sophomores in 2023-2024 (N = 9)
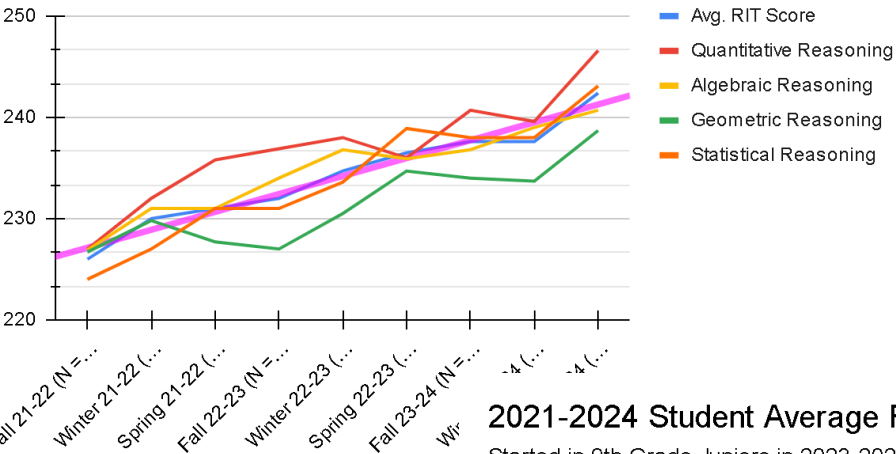
3-Year Students

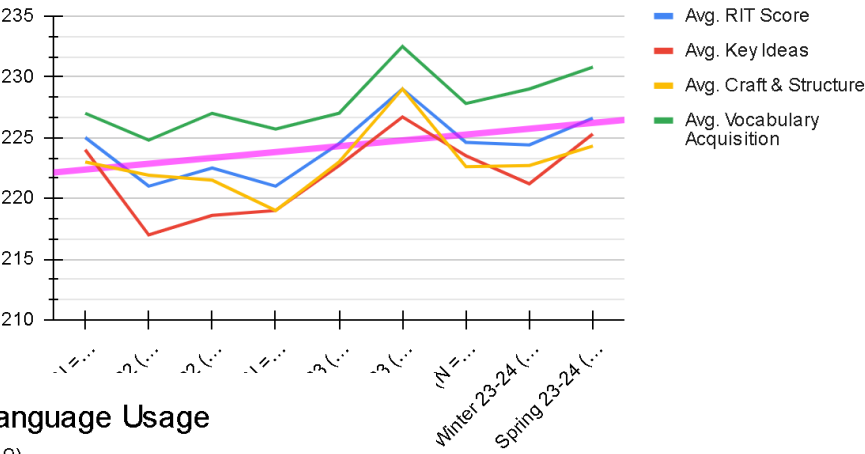Started in 2021 as 9th Graders, Now Juniors (N = 19)

2021-2024 Student Average RIT in Math

Started in 9th Grade Juniors in 2023-2024 (N = 19)

Legend:
- Avg. RIT Score
- Quantitative Reasoning
- Algebraic Reasoning
- Geometric Reasoning
- Statistical Reasoning

2021-2024 Student Average RIT in Reading

Started in 9th Grade Juniors in 2023-2024 (N = 19)

Legend:
- Avg. RIT Score
- Avg. Key Ideas
- Avg. Craft & Structure
- Avg. Vocabulary Acquisition

2021-2024 Student Average RIT Language Usage

Started in 9th Grade Juniors in 2023-2024 (N = 19)

Legend:
- Avg. RIT Score
- Writing
- Understand, Edit for Grammar, Usage
- Understand, Edit for Mechanics

3-Year Students

Started in 2021 as 8th Graders, Now Sophomores (N = 11)
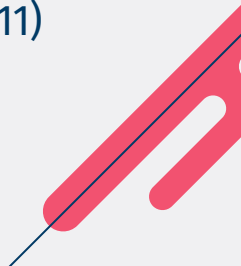
2021-2024 Student Average RIT in Math

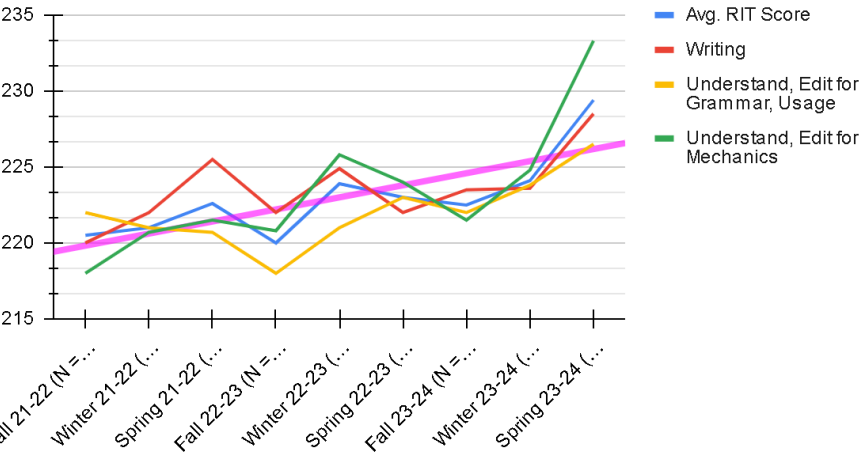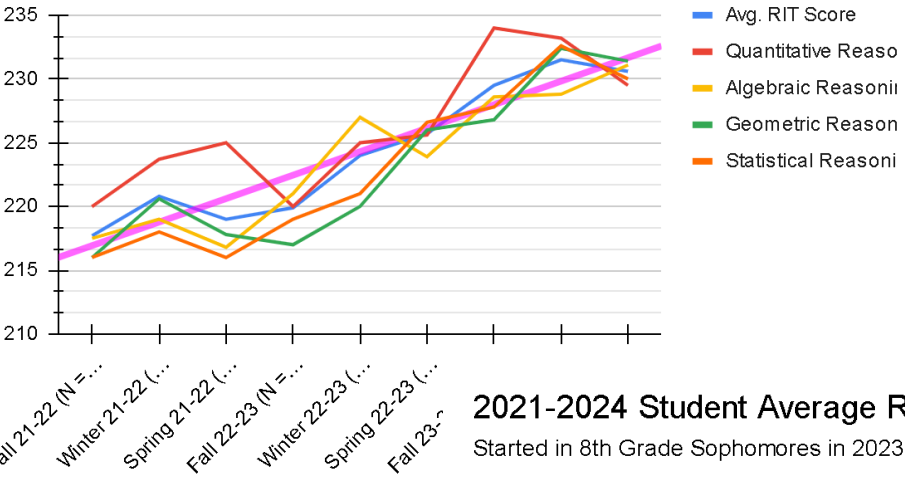Started in 8th Grade Sophomores in 2023-2024 (N = 11)

Legend:
- Avg. RIT Score
- Quantitative Reaso
- Algebraic Reasonii
- Geometric Reason
- Statistical Reasoni

X-axis: Fall 21-22 (N =..., Winter 21-22 (..., Spring 21-22 (..., Fall 22-23 (N =..., Winter 22-23 (..., Spring 22-23 (..., Fall 23-2...

2021-2024 Student Average RIT in Reading

Started in 8th Grade Sophomores in 2023-2024 (N = 11)

Legend:
- Avg. RIT Score
- Avg. Key Ideas
- Avg. Craft & Structure
- Avg. Vocabulary Acquisition

X-axis: ...23-24 (..., Spring 23-24 (...

2021-2024 Student Average RIT in Language Usage

Started in 8th Grade Sophomores in 2023-2024 (N = 11)

Legend:
- Avg. RIT Score
- Writing
- Understand, Edit for Grammar, Usage
- Understand, Edit for Mechanics

X-axis: Fall 21-22 (N =..., Winter 21-22 (..., Spring 21-22 (..., Fall 22-23 (N =..., Winter 22-23 (..., Spring 22-23 (..., Fall 23-24 (N =..., Winter 23-24 (..., Spring 23-24 (...

3-Year Students

Started in 2021 as 7th Graders, Now Freshmen (N = 16)

2021-2024 Student Average in RIT in Math

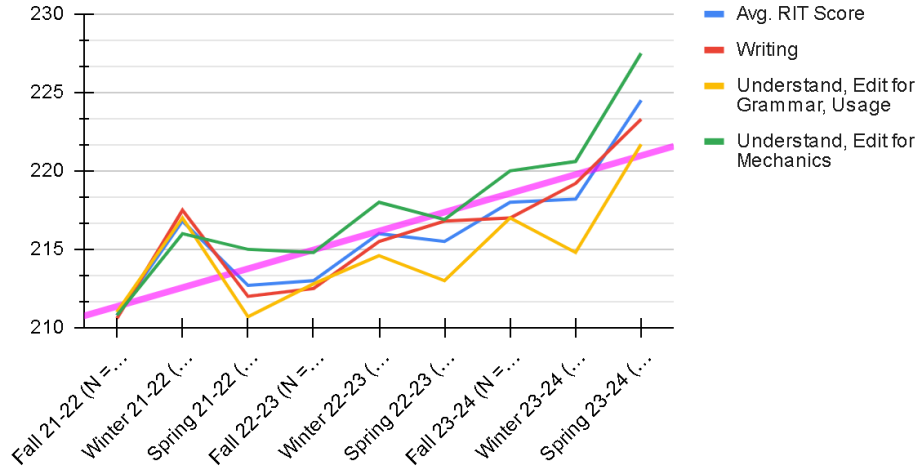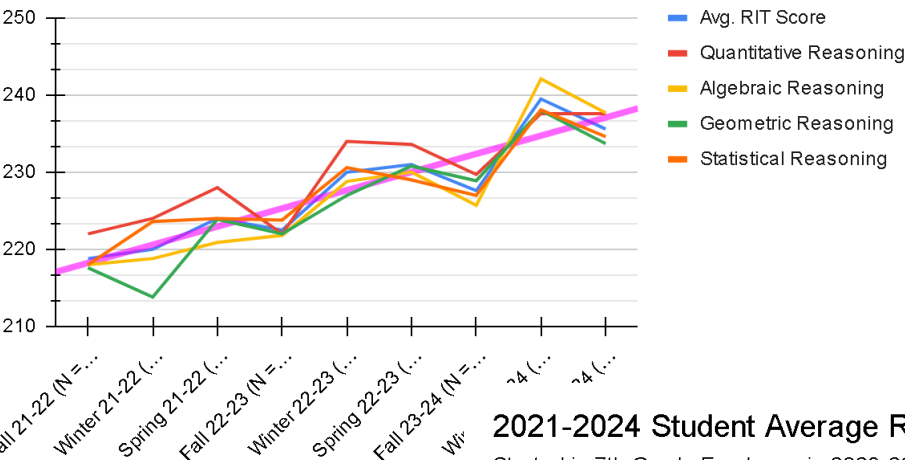Started in 7th Grade Freshmen in 2023-2024 (N = 16)

Legend:
- Avg. RIT Score
- Quantitative Reasoning
- Algebraic Reasoning
- Geometric Reasoning
- Statistical Reasoning

X-axis: Fall 21-22 (N = ...), Winter 21-22 (..., Spring 21-22 (..., Fall 22-23 (N = ..., Winter 22-23 (..., Spring 22-23 (..., Fall 23-24 (N = ..., Wi..., 24 (..., 24 (...
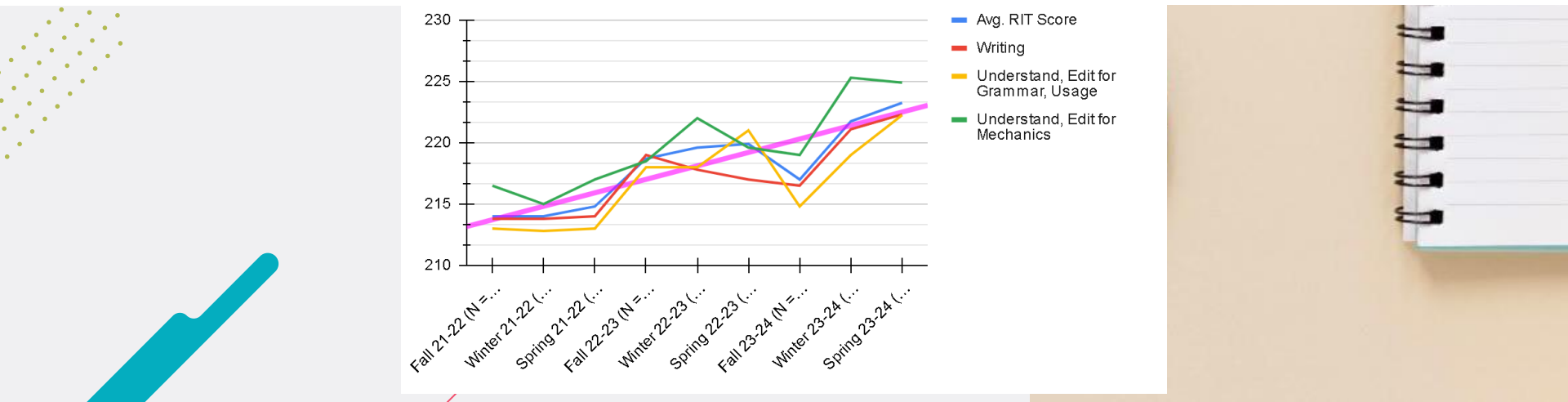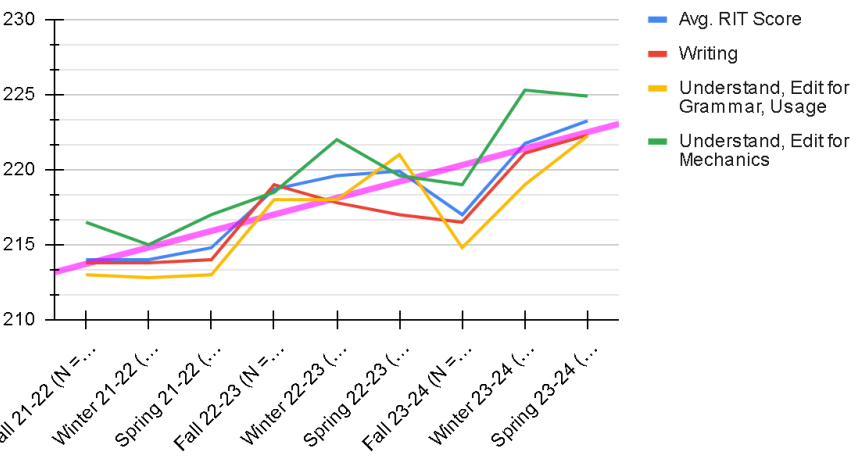
2021-2024 Student Average RIT in Reading

Started in 7th Grade Freshmen in 2023-2024 (N = 16)

Legend:
- Avg. RIT Score
- Avg. Key Ideas
- Avg. Craft & Structure
- Avg. Vocabulary Acquisition

X-axis: N = ..., 22 (..., 22 (..., N = ..., 23 (..., 23 (..., N = ..., Winter 23-24 (..., Spring 23-24 (...

2021-2024 Student Average RIT in Language Usage

Started in 7th Grade Freshmen in 2023-2024 (N = 16)

Legend:
- Avg. RIT Score
- Writing
- Understand, Edit for Grammar, Usage
- Understand, Edit for Mechanics

X-axis: Fall 21-22 (N = ..., Winter 21-22 (..., Spring 21-22 (..., Fall 22-23 (N = ..., Winter 22-23 (..., Spring 22-23 (..., Fall 23-24 (N = ..., Winter 23-24 (..., Spring 23-24 (...

Strengths & Weaknesses

Left Table

Spring 2023-24		
Mathematics		
	Strength	**Weakness**
7th Grade	Quantitative Reasoning	Geometric Reasoning
8th Grade	Statistical Reasoning	Geometric Reasoning
9th Grade	Quantitative Reasoning	Statistical Reasoning
10th Grade	Quantitative Reasoning	Statistical Reasoning
11th Grade	Quantitative Reasoning	Algebraic Reasoning
Reading		
	Strength	**Weakness**
7th Grade	Vocabulary	Key Ideas & Details Craft & Structure
8th Grade	Vocabulary	Craft & Structure
9th Grade	Vocabulary	Craft & Structure
10th Grade	Craft & Structure	Key Ideas & Details
11th Grade	Vocabulary Key Ideas & Details	Craft & Structure
Language Usage		
	Strength	**Weakness**
7th Grade	All three areas are strong, Writing, Edit for Mechanics, Edit for Grammar Usage	
8th Grade	Understand, Edit for Mechanics	Writing
9th Grade	Understand, Edit for Mechanics	Writing
10th Grade	Understand, Edit for Mechanics	Writing Edit for Mechanics
11th Grade	Understand, Edit for Mechanics	Writing

Right Table

Spring 2023-24		
Mathematics		
	Strength	**Weakness**
0-20th Percentile	Quantitative Reasoning	Geometric Reasoning Statistical Reasoning
21-40th Percentile	Geometric Reasoning	Algebraic Reasoning
41-60th Percentile	Algebraic Reasoning Statistical Reasoning	Quantitative Reasoning
61-80th Percentile	Algebraic Reasoning	Quantitative Reasoning
81-99th Percentile	Quantitative Reasoning	Geometric Reasoning
Reading		
	Strength	**Weakness**
0-20th Percentile	Craft & Structure	Vocabulary
21-40th Percentile	Key Ideas & Details	Craft & Structure
41-60th Percentile	Craft & Structure	Key Ideas & Details Vocabulary
61-80th Percentile	Vocabulary	Key Ideas & Details
81-99th Percentile	Vocabulary	Craft & Structure
Language Usage		
	Strength	**Weakness**
0-20th Percentile	Writing	Understand, Edit for Mechanics
21-40th Percentile	Understand, Edit for Grammar Usage	Understand, Edit for Mechanics
41-60th Percentile	Understand, Edit for Mechanics	Writing
61-80th Percentile	Writing	Understand, Edit for Grammar Usage
81-99th Percentile	Understand, Edit for Mechanics	Writing

Compared to MTY Blueprint - Math

Content Category	Grade 6	Grade 7	Grade 8	Grade 10
Operations and Algebraic Thinking	25%	20%	48-53%	46-50%
The Real and Complex Number Systems	45%	40%	13-15%	13-15%
Geometry	15%	20%	21-23%	26-30%
Statistics and Probability	15%	20%	13-15%	13-15%

Compared to MTY Blueprint - Math RIT Scores Spring 2024

Grades	Grade 7	Grade 8	Grade 9	Grade 10	Grade 11
Algebraic Reasoning (**Operations and Algebraic Thinking**)	220.64	**227.46**	238.13	**234.36**	241.85
Quantitative Reasoning (The Real and Complex Number Systems)	**221.12**	227.46	238.24	235.68	242.76
Geometric Reasoning (**Geometry**)	219.64	**224.72**	234.08	**232.6**	240.67
Statistical Reasoning (Statistics and Probability)	220.68	228.39	235.54	233.19	240.45

Compared to MTY Blueprint - Math RIT Growth

Grades	Grade 7	Grade 8	Grade 9	Grade 10	Grade 11
Algebraic Reasoning (**Operations and Algebraic Thinking**)	7.37	**10.84**	15.67	**3.76**	4.5
Quantitative Reasoning (The Real and Complex Number Systems)	**6.58**	6.3	13.75	3.28	4.93
Geometric Reasoning (**Geometry**)	7.1	**7.48**	9.5	**4.75**	6.79
Statistical Reasoning (Statistics and Probability)	5.76	8.95	11.96	3.84	4.82

Compared to MTY Blueprint - Reading

Content Category	Grade 7	Grade 8	Grade 10
Literary Text	30-35%	30-35%	30-35%
Informational Text	45-50%	45-50%	45-50%
Vocabulary	20-25%	20-25%	20-25%

Compared to MTY Blueprint - Reading RIT Scores Spring 2024

Content Category	Grade 7	Grade 8	Grade 10
Craft & Structure (**Literary Text**)	**213.92**	**218.36**	**220.81**
Key Ideas & Details (**Informational Text**)	**214.76**	**216.84**	**219.15**
Vocabulary Acquisition & Use (Vocabulary)	215.96	221.18	222.99

Compared to MTY Blueprint - Reading RIT Growth

Content Category	Grade 7	Grade 8	Grade 10
Craft & Structure (**Literary Text**)	**2.3**	**1.85**	**1.34**
Key Ideas & Details (**Informational Text**)	**5.41**	**1.55**	**-0.20**
Vocabulary Acquisition & Use (Vocabulary)	**-0.39**	2.61	**-0.14**

Longitudinal Data

- We tested 349 students in grades 7-11 during the spring administration of the NWEA MAP growth.
- Overall, the trend is that the longer a student is at MEVA they have a consistent overall growth. *Note: this is expected as students progress through the grades that they overall would have an upward trend in their growth.
- The *n* values are small for the students who have been with MEVA 3-5 years (< 6% of the total student population per group).
- For NWEA Results:
  - Students in the 5-year band are starting to have a negative growth trend in Reading and Language Usage.
  - Students in the 4-year band are starting to have a negative growth trend in Reading, Language Usage, and specific instructional strands in Math
  - Students in the 3-year band are starting to have a negative growth trend in Reading and Math, with the exception of 3-year juniors.

Recommendations

- Continue to refine and implement with fidelity the MTSS process.
- Ensuring that regardless of course placement, every student is exposed to grade level content and provided the scaffolds and interventions necessary to be successful.
- Ensure rigorous content that continues to push students to the limits of their Zone of Proximal Development.
- Analyze the Spring 2024 proficiency results (once available) to refine the anchor standards and curriculum map alignment.

Willing/Able Chart

From the CARE/TCI Model from Cornell University

The CARE model was designed for residential care however, we use it as we discuss students in our MTSS process.

Willing/Able

This is the prime condition for learning. The student is able to learn the material or lesson, and they are willing. This is the time to give a lot of praise, have the student lead the class or help peers, and work independently.

WILLING

ABLE

ACKNOWLEDGE
Give positive attention
Join in activity
Ask child to teach others
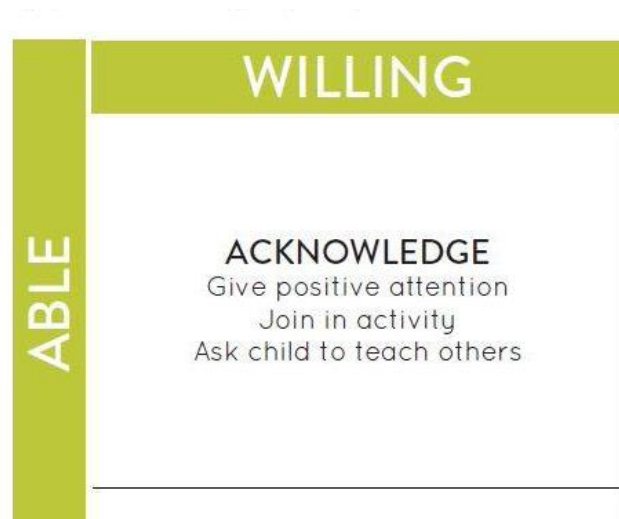
Willing/Unable

Take the same approach for those who are willing and able. We want the students to feel proud about being willing to learn, even if the material is new/scary. We also want to **build trust** so they know they are safe to learn and **make mistakes** in our class.

NOT ABLE

TEACH
Give positive attention
Join in activity
Ask child to teach others

NOT WILLING

ENCOURAGE
As if
Offer assistance
Give Choices
Predict the future
Make a request

Natural or logical consequence

Able/ Not willing

- "As if" is role playing—in this situation it would be role playing as the teacher so they can express how they would like you to help them. Knowing WHY the student is not willing is very helpful.

- This is the condition that can very easily turn into a power struggle

Not Willing/Unable

CHANGE EXPECTATIONS
Change the expectation
Redirect the activity
Drop the expectation

SPUR WINK

This is the stage where a student is likely to shut down. If the student is unable to complete a task, and they are unwilling to try at that moment, we can change or drop the expectation. This is also an opportunity redirect the activity to something more easily attainable so we can build self-confidence and the willingness to try.

Changing the expectations can look like working the student through one math problem instead of all ten, or even having them work on different problems.

Dropping the expectation can look like moving on completely, and coming back later when the student is in a learning headspace. It can also look like exempting, depending on the situation.

Thoughts…

- Try to avoid power struggles

- Think of ways to offer students choices in what/how

- Try to maintain unconditional positive regard of all students

- Remember, we don't know what is going on with the student outside of our class, especially in virtual school.

- Try to meet students where they are at, mentally and emotionally, in that moment.

How to use in MTSS

- Each student is an individual. They are all at different levels.

- We are all trying to achieve the same outcome; GROWTH.

- Use your tool box of supports and teaching strategies that we have covered and identify where your students are at.

Other

- Other topics and/or questions?

- For Semester-2, enter/<u>update</u> your daily schedule on your Google calendars and don't forget to add 'lunch'!

- Next Process Improvement Meeting on **<u>Monday, June 3rd, 3:00 pm</u>**.

- Looking ahead, Memorial Day is Monday, May 27th. Please cancel your live sessions to suit.

- MEVA virtual high school graduation on Friday, June 7th, 2:00 pm, and virtual eighth grade recognition ceremony on Friday, June 14th, 11:00 am.

MEVA Academic Assessment Calendar

2023-2024 School Year

NWEA (Fall): Math, Reading, & Language Usage	Grades 7-11, September 12-14
I-Ready (Fall): Algebra Readiness	Grade 9, August 28 - September 29
ACCUPLACER (Fall): Math & Reading	Graduating Students, Grade 12, September 12-14
MEAs (Fall): In-Person, Math & Reading	Grades 7, 8, & 10, October 2-27
NWEA (Winter): Math, Reading, & Language Usage	Grades 7-11, January 9-11
I-Ready (Winter): Algebra Readiness	Grade 9, January 15 - February 16
NWEA (Spring): Math, Reading, & Language Usage	Grades 7-11, April 30 - May 2
I-Ready (Spring): Algebra Readiness	Grade 9, May 1-31
MEAs (Spring): In-Person, Math & Reading and Science	Grades 7, 8, 10, & 11, May 2024

Draft SY-2024/2025 Assessment Calendar

Assessment Type	Fall Dates	Winter Dates	Spring Dates
NWEA	September 10, 11, & 12, 2024 (Makeup Day - September 13, 2024)	January 14, 15, & 16, 2025 (Makeup Day - January 17, 2025)	**May 6, 7, & 8, 2025 (Makeup Day - May 9, 2025).
MEA (ELA & Math)	October, 2024	NA	May 2025
MEA (Science)	NA	NA	May 19-30, 2025 (tentative)
ACCUPLACER	September 10, 11, & 12, 2024, with makeup days scheduled throughout the year	Ongoing	Ongoing
iReady	**7th & 8th Graders** - Standards Mastery assessment, August 26-30, 2024 **8th Graders** for Fall 2024 - June 3-7, 2024 **9th Graders** for Fall 2024 - throughout the summer and August 26-30, 2024 **10th Grader** (new only) for Fall 2024 - diagnostic in the Fall ONLY to inform MTSS practice related to Algebra I skills	January 16-24, 2025	May 27-June 6, 2025

**Alternative dates are April 15, 16, & 17, 2025, with makeups after April vacation, or April 29, 30, & May 1, 2025, with a makeup day May 2, 2025