

# MJS Start Strong Analysis

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February 15, 2022



# Setting The Stage For Analysis

## Central Office Data

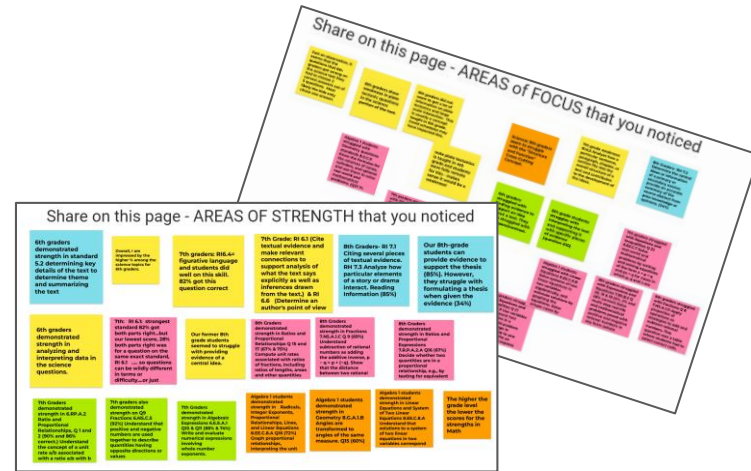
- State of the Schools 2021
- Start Strong Assessment Presentation 2021

## Start Strong Data

- For each assessment our Instructional Coaches provided:
  - All questions asked of our students
  - The percentage correct by students for each question
  - The percentage correct for each standard Start Strong assessed

# Afternoon Goals for Staff

- Subject area teams across grades 6-8 explored and discussed the data.
- Teachers used a Jamboard to share their takeaways as a whole school.
- Staff will continue to use this information in their content and team meetings to drive lesson planning and guide instruction.



## Math Takeaways

Question Style

### 8th Grade Math

Based on responses, Pythagorean Theorem and Geometry concepts should be explored more deeply in 8th grade.

### Areas of Strength

- Students in grades 6 and 7 showed strength in solving problems with fractions.
- Our 7th grade students showcased that their proportional reasoning skills were strong.

### Expression & Equation

All grade levels would benefit from focus on work with the Expression and Equation standard. Students showed strength in identifying correct responses, but struggled with creating an expression to show how to solve.

## ELA Takeaways

### Vocabulary

As students progressed from grades 6 through 9, their ability to use context clues and root words to answer vocabulary questions increased.

### Areas of Strength

- 6-8th grade students are adept at citing evidence and identifying themes when working with literature.
- 7th graders' understanding of figurative language is noteworthy.

### Informational Text (Non Fiction)

9th graders were more successful than our 6th graders when it came to responding to questions on informational text.

Across all grade levels, students found questions on informational text to be more challenging than questions on literature. Citing evidence and identifying central ideas in informational text are areas in need of support.

## Science Takeaways

### Area of Strength

Students showed strong abilities in using evidence to support an explanation or identify solutions to a problem.

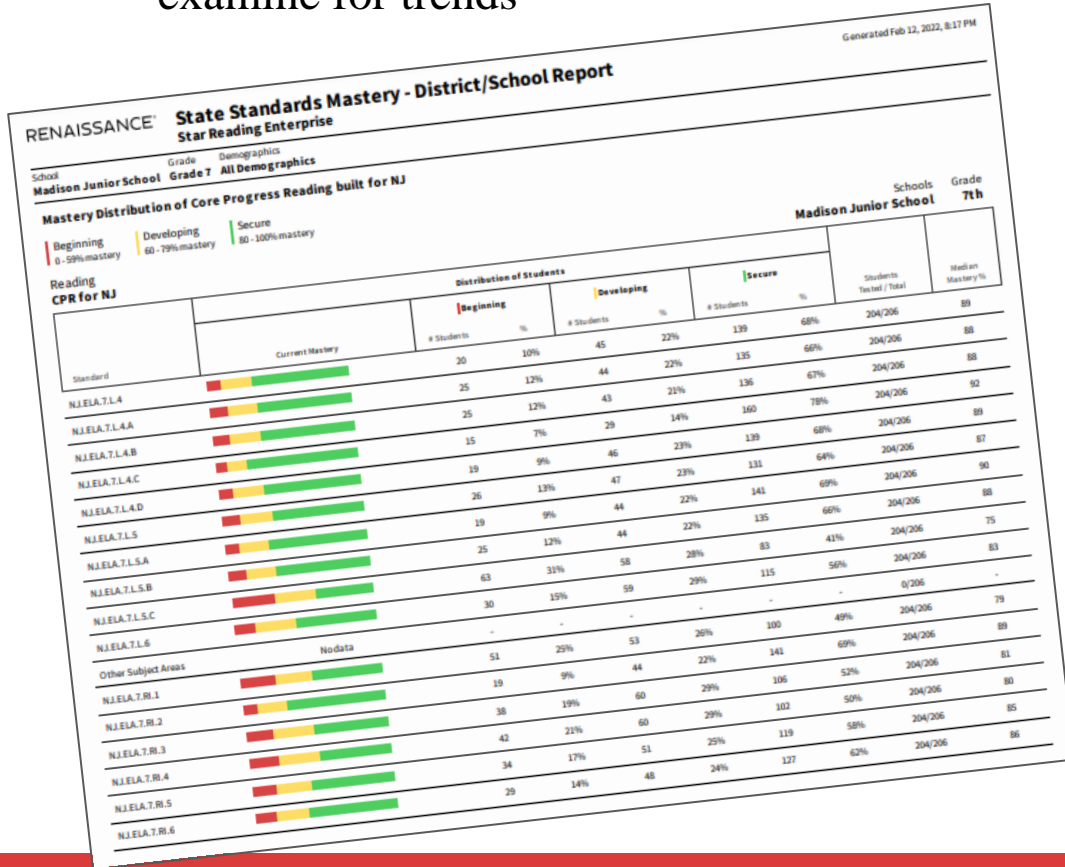
### Questioning

In all grade levels students would benefit from asking questions at different times during an investigation, not just at the beginning.

### Using Math in Science

It was evident that our students are missing the connections between math and science as students in both grade levels faced challenge in areas involving Mathematical Concepts and Computational Thinking.

# STAR Class Reports - cross examine for trends



## Strength in 7th ELA

RI.7.2. Determine two or more central ideas in a text and analyze their development over the course of the text; provide an objective summary of the text.

## Area to Work on in 7th ELA

RL.7.3. Analyze how particular elements of a story or drama interact (e.g., how setting shapes the characters or plot).



# Questions