



SUMMER 2022 DATA PRESENTATION

AGENDA

- > Overview
- > Data and Action Steps
- > Summary
- > Questions





District Wide Approach

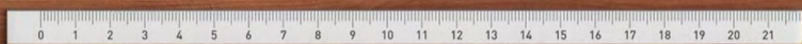
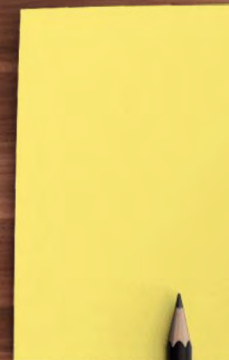
- Continued shift to Data Driven culture
- Improved student performance on benchmark assessments and standardized testing
- Continued communication between the community and the schools around performance and growth

MOVE TO iREADY PLATFORM

- > All students K-12 will participate in iReady Math and Reading three times a year (fall, winter, spring)
- > Data cycles following each test administration
- > Professional Development - 4 sessions for staff, 1 for administrators
- > Regular reports to community and families

A top-down view of a wooden desk. In the center is a light blue clipboard with a black clip at the top, holding a white sheet of paper. On the paper, the text 'Goal: All students will make at least one year of growth on iReady Assessments from fall to spring administration.' is written in a black, sans-serif font. To the left of the clipboard is a white cup of dark coffee, a piece of seeded bread, and a stack of white papers. To the right is a silver laptop with a black keyboard and a small potted plant with green grass-like leaves. A black pen with blue accents lies horizontally below the clipboard.

Goal: All students will
make at least one year of
growth on iReady
Assessments from fall to
spring administration.





ELEMENTARY SCHOOL

Kathleen Chenette

Overview of The Assessments used for Reading

STAR 360

STAR 360 consists of **two customized reading and one Math test for students to take on a computer**. As a student takes the assessment, the software selects items based on the student's responses. If the student answers the item correctly, the software increases the difficulty level of the next item. We use this as a **universal screening tool**.

Heggerty PA

The Heggerty Phonemic Assessment is used to **gather information about students and monitor progress** with phonemic awareness. Phonemic awareness is the ability to understand that spoken words are made up of individual sounds called phonemes, and it's **one of the best early predictors for reading success**. We use this as a **diagnostic tool**.

CORE Phonics

The CORE Phonics Survey **assesses the phonics and phonics-related skills that have a high rate of application in beginning reading**. Each survey presents a number of lists of letters and words for the student to identify or decode. We use this as a **diagnostic tool**.

Purpose of The Assessments used in Reading

STAR 360

Universal Screener

Administered whole group at the Beginning (BOY), middle (MOY) and end of year (EOY) to all students K-5.

Used to flag students who may need intervention in reading or math and monitor growth.

Heggerty PA

Diagnostic Tool

Administered 1:1 at the Beginning (BOY), middle (MOY) and end of year (EOY) to all students K-1 and select students in 2-3.

Used to identify the **phonemic awareness** skills to target during intervention & to monitor growth.

CORE Phonics

Diagnostic Tool

Administered 1:1 at the Beginning (BOY), middle (MOY) and end of year (EOY) to all students K-3.

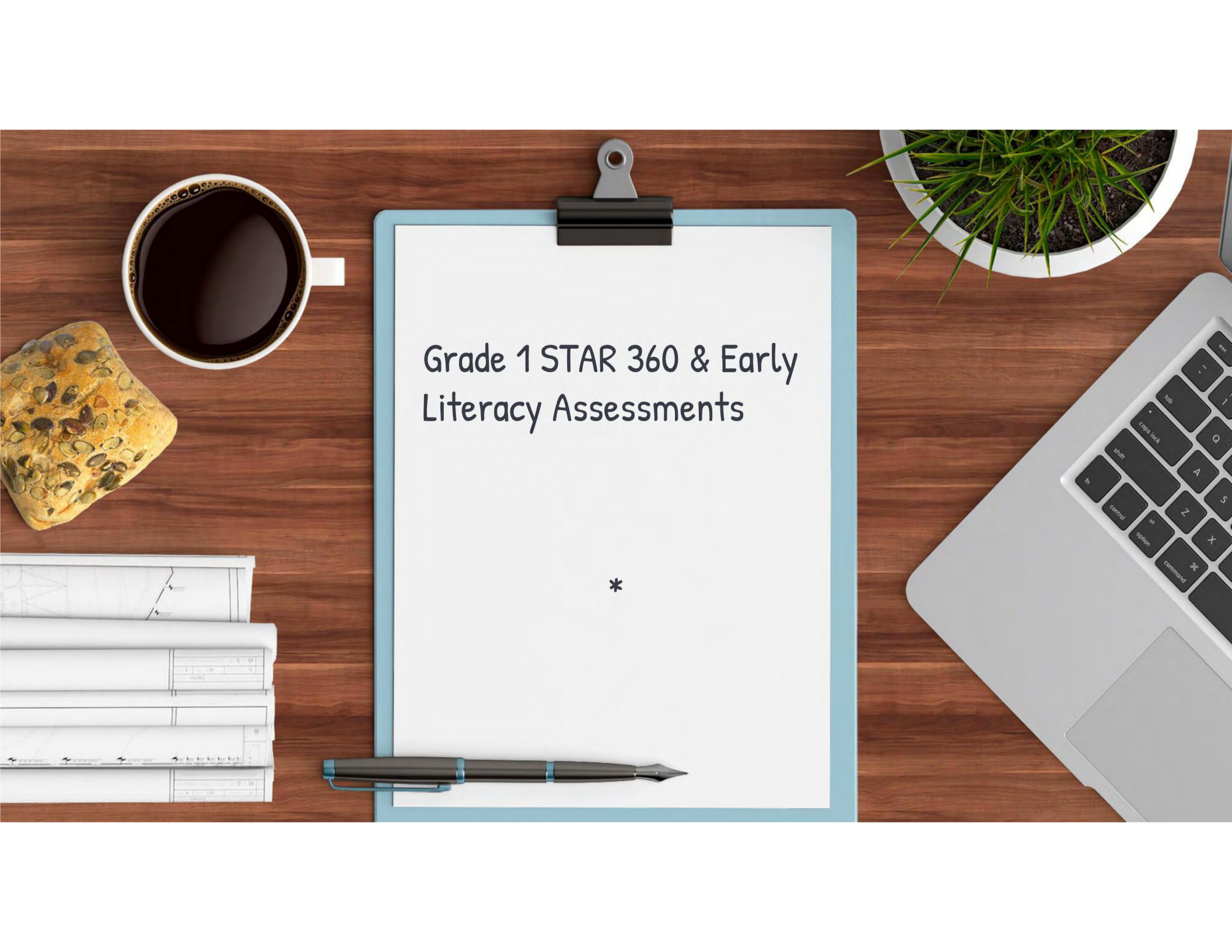
Used to identify **phonics** skills to target during intervention & to monitor growth.

ELEMENTARY SCHOOL
STAR DATA
READING AND MATH
K - 5

BOY → EOY ELEMENTARY DATA- STAR 360 READING

BOY → EOY Grade	1-URGENT INTERVENTION	2- INTERVENTION	3- ON WATCH	4- PROFICIENT OR ABOVE
K (ONLY EOY)	28%	26%	6%	40%
1	22%→28%*	13%→26%*	24%→6%*	39%→40%*
2	25%→13.5%	13.5%→13.5%	28%→16%	33%→57%
3	27%→19%	13%→5%	20%→25%	40%→51%
4	9%→0%	14%→3%	34%→49%	34%→48%
5	10%→9%	22%→9%	24%→35%	44%→47%

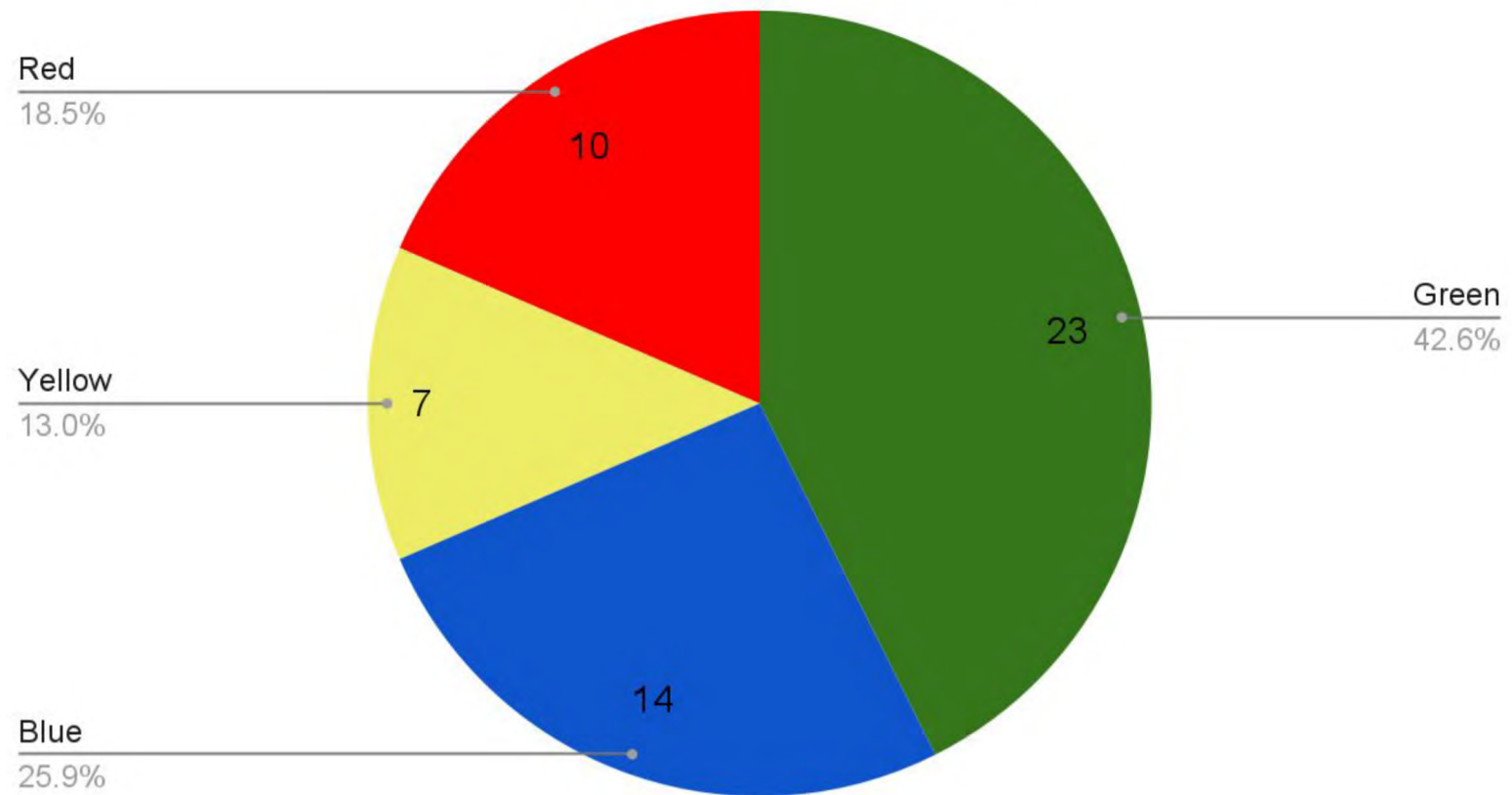
* = DATA IS FURTHER DISAGGREGATED

A top-down view of a wooden desk. In the center is a light blue clipboard with a black clip at the top, holding a white sheet of paper. On the paper, the text "Grade 1 STAR 360 & Early Literacy Assessments" is written in a black, sans-serif font, followed by an asterisk. To the left of the clipboard is a white cup of dark coffee, a piece of bread topped with seeds, and a stack of papers. To the right is a small potted plant and a laptop. A fountain pen lies horizontally below the clipboard.

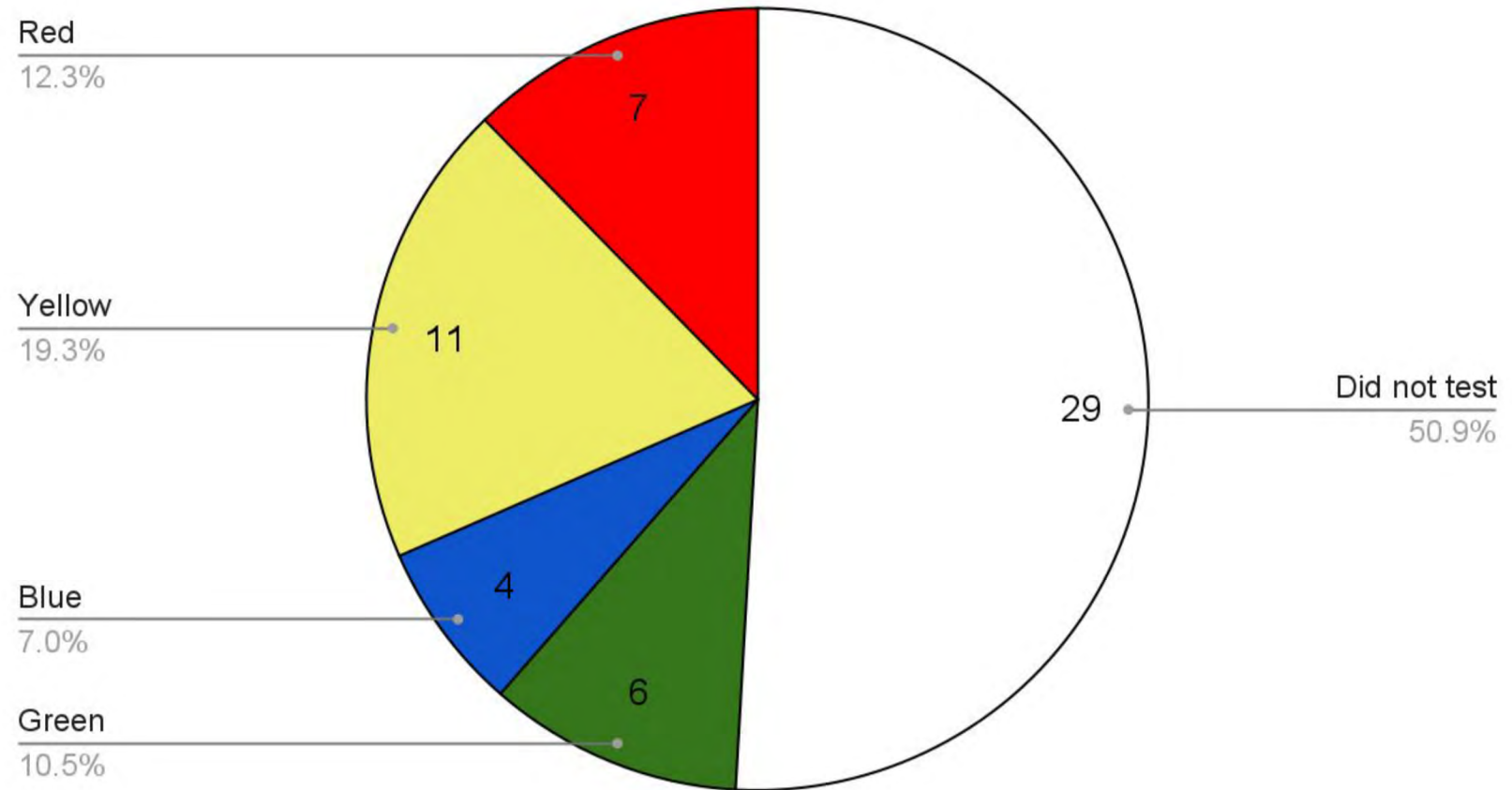
Grade 1 STAR 360 & Early Literacy Assessments

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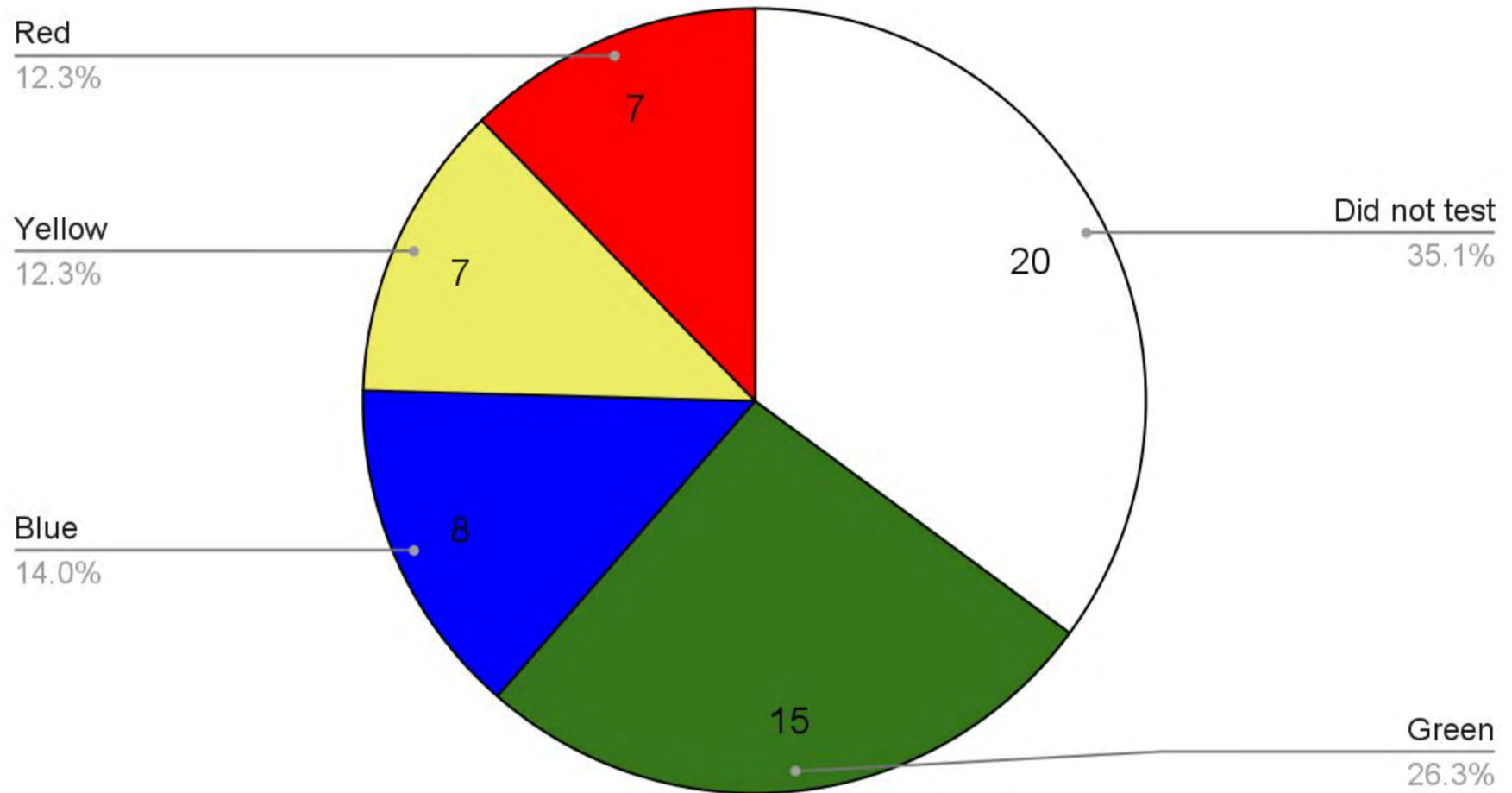
Early Literacy - Fall 2021



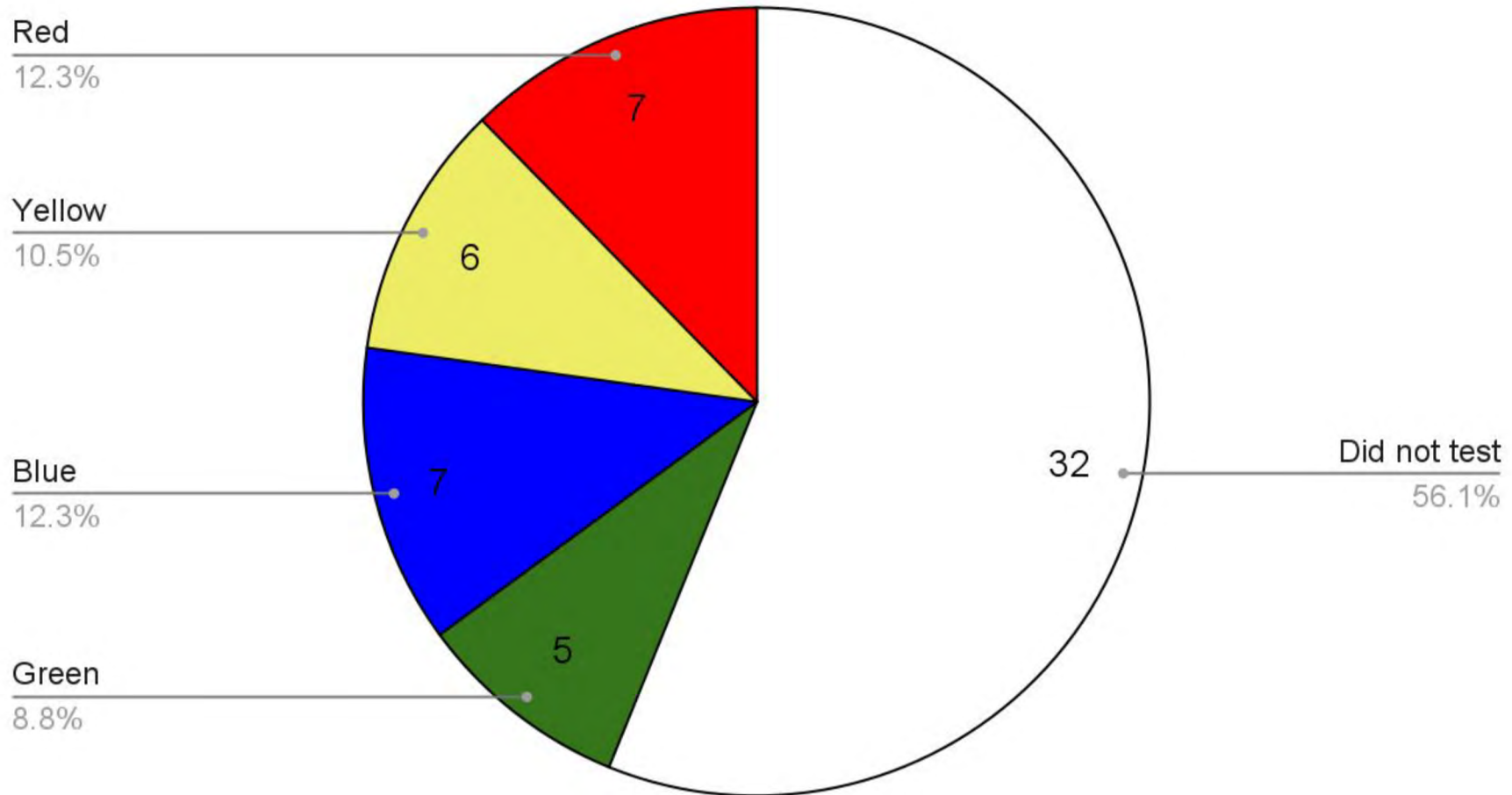
Early Literacy - Winter 2021



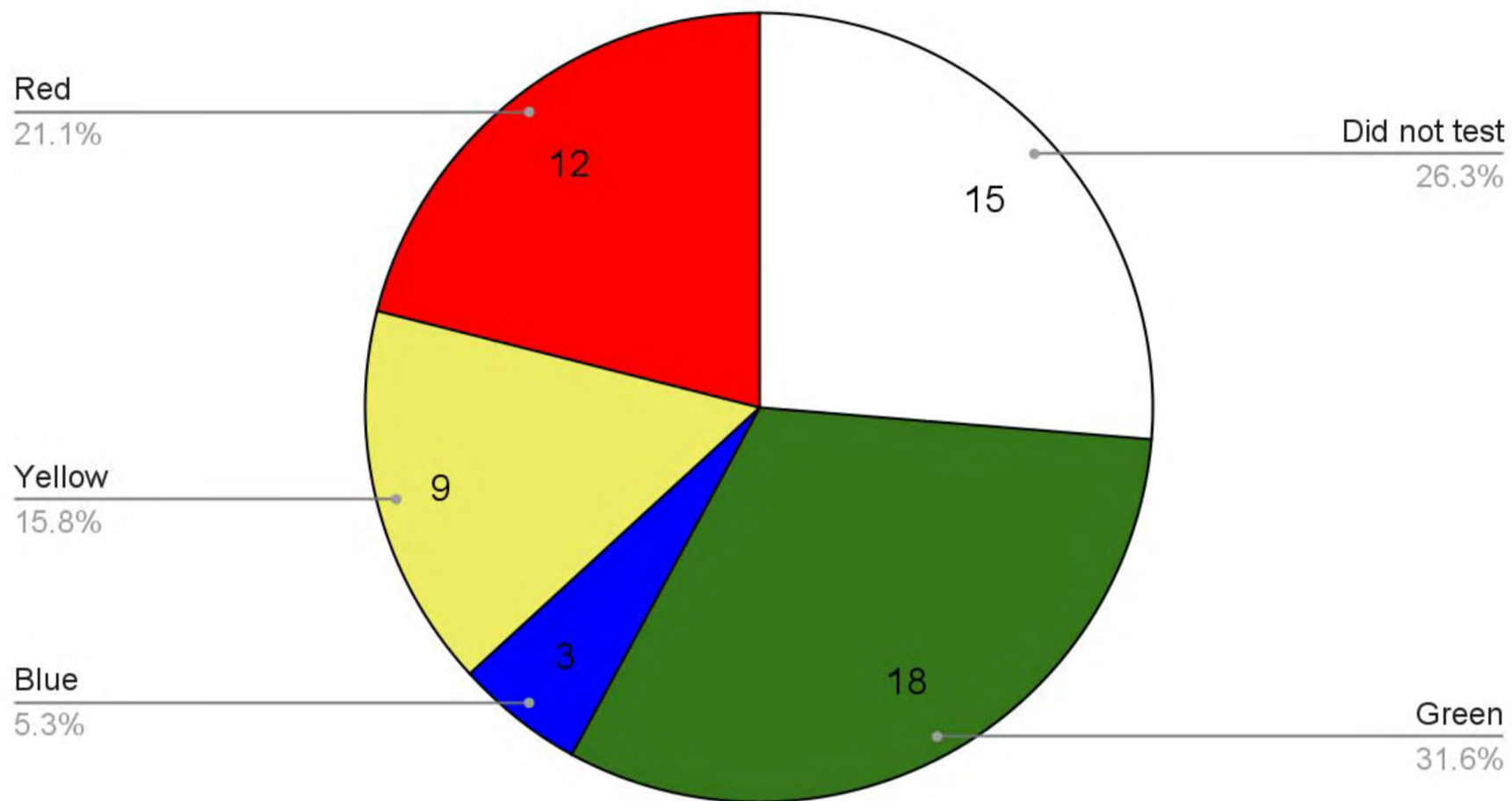
Reading Test - Winter 2021



Early Literacy - Spring 2022



Reading Test - Spring 2022

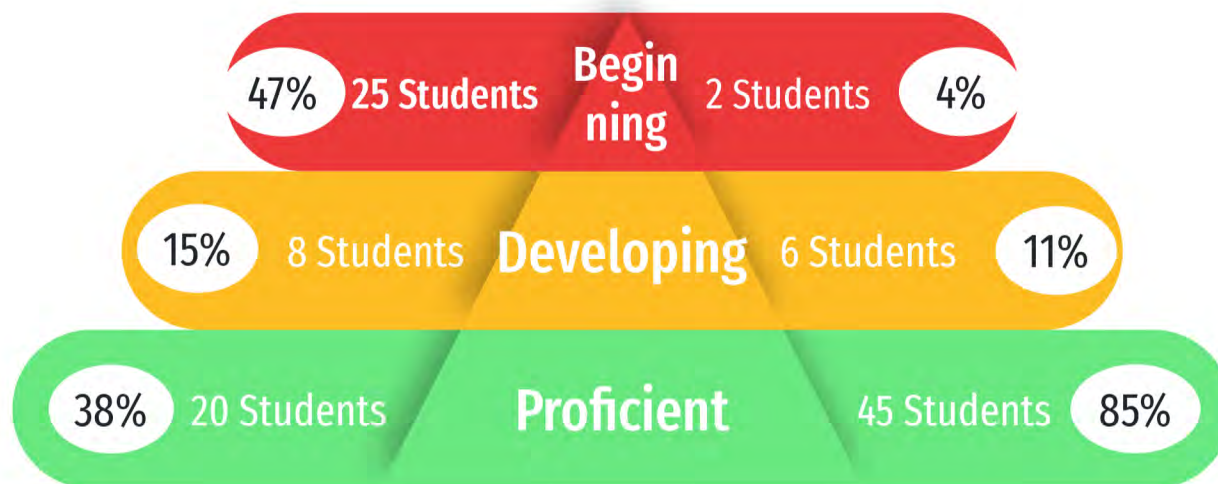


Heggerty **Phonemic Awareness** *Composite Q3 and EOY Scores* Kindergarten (**44 Rising 1st Graders**)



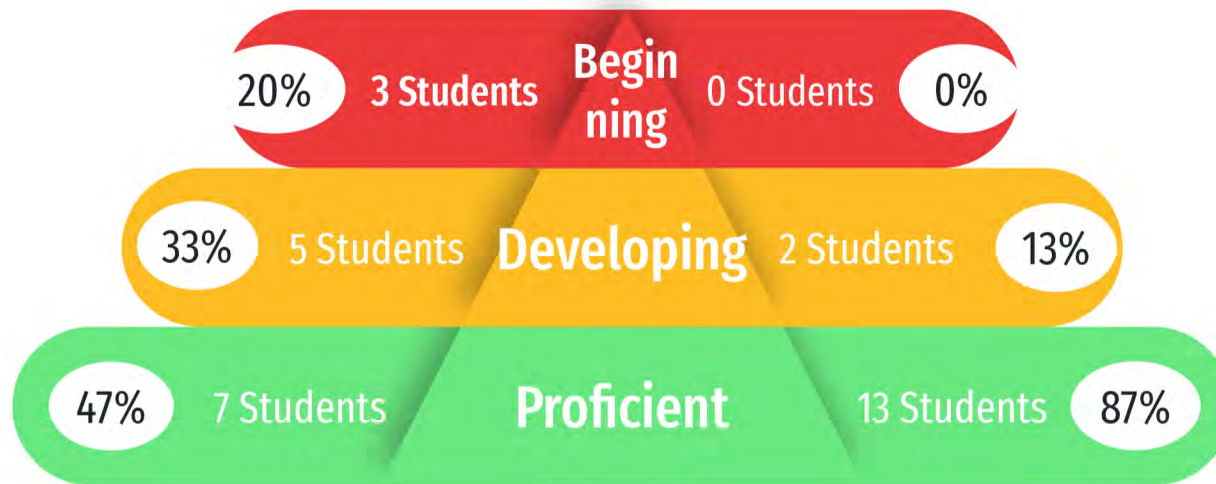
Heggerty classifies levels of need as: *Proficient, Developing, and Beginning*

Heggerty Phonemic Awareness Composite BOY and EOY Scores Grade 1 (53 Rising 2nd Graders)



Heggerty classifies levels of need as: *Proficient, Developing, and Beginning*

Heggerty Phonemic Awareness Composite BOY and MOY Scores Grade 2 (15 Rising 3rd Graders)



Heggerty classifies levels of need as: *Proficient, Developing, and Beginning*

A top-down view of a wooden desk. In the center is a light blue clipboard with a black clip at the top, holding a white sheet of paper. On the paper, the text 'Elementary STAR 360 Math Assessment' is written in a black, sans-serif font. To the left of the clipboard is a white cup of dark coffee with a brown ring around the rim. Below the coffee is a piece of golden-brown bread topped with green and brown seeds. To the right of the clipboard is a small potted plant with long, thin green leaves in a white pot. Below the plant is a silver laptop, showing the keyboard and trackpad. At the bottom left of the clipboard is a black fountain pen with blue accents. To the left of the pen is a stack of white papers, some with faint diagrams and text.

Elementary
STAR 360 Math
Assessment

BOY → EOY ELEMENTARY SCHOOL DATA- STAR 360 MATH

BOY → EOY GRADE	1-URGENT INTERVENTION	2- INTERVENTION	3- ON WATCH	4- PROFICIENT OR ABOVE
1 (EOY ONLY)	5%	12%	19%	64%
2	3%→3%	10%→5%	30%→16%	55%→76%
3	16%→11%	16%→15%	22%→25%	45%→49%
4	6%→6%	3%→6%	34%→20%	49%→68%
5	15%→12%	17%→14%	24%→14%	44%→60%



NHSAS DATA

GRADES 3, 4, AND 5: ELA AND MATH

GRADE 5: SCIENCE

2021 → 2022 ELEMENTARY SCHOOL - NH SAS ELA

2021 → 2022 ELA GRADE	1- BELOW PROFICIENT	2- APPROACHING PROFICIENT	3- PROFICIENT	4- ABOVE PROFICIENT
3	35%	20%	29%	16%
4	9% → 19%	48% → 42%	24% → 23%	18% → 16%
5	18% → 17%	24% → 12%	34% → 49%	24% → 22%

3th Grade- 45% at or above proficient

4th Grade- 39% at or above proficient

5th grade- 71% at or above proficient

2021 → 2022 ELEMENTARY SCHOOL - NH SAS MATH

2021 → 2022 MATH GRADE	1- BELOW PROFICIENT	2- APPROACHING PROFICIENT	3- PROFICIENT	4- ABOVE PROFICIENT
3	29%	25%	32%	14%
4	15% → 13%	33% → 34%	39% → 31%	12% → 22%
5	24% → 22%	32% → 54%	37% → 15%	8 % → 10%

3th Grade- 46% at or above proficient

4th Grade- 53% at or above proficient

5th grade- 25% at or above proficient

ELEMENTARY SCHOOL – NHSAS SCIENCE

GRADE	1 – BELOW PROFICIENT	2 – APPROACHING PROFICIENT	3 – PROFICIENT	4 – ABOVE PROFICIENT
5	40%	29%	14%	17%

31% Proficient or Above

~ ELEMENTARY SCHOOL ACTION PLAN ~

Continue benchmark and interim data meetings ([EOY DATA MEETING](#) example)

Continue NH standards alignment and understanding within and across grade levels.

Identify diagnostic tools for math and implement Fall 2022.

Year long professional development in high yield math instructional strategies.

Schedule and monitor 60 minutes of math learning and practice **daily** in all classrooms.

Envisions Math Program implementation year 2 with fidelity.

Continued weekly Impact Team meetings with Admin facilitating, weekly math chat on agenda.

Consider leveling math by math level and need as opposed to grade level.

Maximize resources in Title 1 as best we can.

ACTION PLANNING CONTINUED

Increased math homework practice in all grade levels.

Increase fact fluency development opportunities.

Specials teachers embedding math concepts into their content (fractions in counting beats and measures).

Recognize the benefits of productive struggle in the classroom.

Build capacity in the area of collecting and using multiple math data points.

Move math to the morning in all grade levels.

Work with WLC to build a peer mentor program with a focus on math.

Develop common formative assessments.

Teacher ~ teacher mini observations with feedback.

Math in the Community making connections to real life.



MIDDLE/HIGH SCHOOL

Sarah Edmunds
Kathryn Gosselin

MIDDLE SCHOOL DATA- STAR 360 READING

SPRING and (Spring to Fall Growth)	1-Urgent Intervention	2- Intervention	3- On Watch	4- Proficient or above
Grade				
6	2% (0%)	15% (↓27%)	24% (0%)	59% (↑12%)
7	7% (↑43%)	13% (↓31%)	39% (↓5%)	41% (↑2.5%)
8	5% (0%)	13% (↑39%)	41% (↑5%)	41% (↑10%)

MIDDLE SCHOOL DATA- STAR 360 MATH

SPRING MATH Grade	1- Urgent Intervention	2- Intervention	3- On Watch	4- Proficient or above
6	7% (0%)	15% (↑40%)	24% (↓14%)	54% (↑9%)
7	7% (↓29%)	13% (↓31%)	40% (↓1%)	40% (↑35%)
8	8% (0%)	5% (↓60%)	33% (↑12%)	54% (↓2%)

2021 → 2022 MIDDLE SCHOOL DATA- NH SAS ELA

2021 → 2022 ELA Grade	1- Below Proficient	2- Approaching Proficient	3- Proficient	4- Above Proficient
6	10% → 11%	23% → 29%	51% → 42%	15% → 18%
7	21% → 5%	44% → 38%	23% → 49%	13% → 8%
8	6% → 9%	30% → 19%	52% → 59%	12% → 13%

6th Grade- 60% at or above proficient

7th Grade- 57% at or above proficient

8th grade- 72% at or above proficient

2021 → 2022 MIDDLE SCHOOL DATA- NH SAS MATH

2021 → 2022 Grade	1- Below Proficient	2- Approaching Proficient	3- Proficient	4- Above Proficient
6	13% → 26%	33% → 42%	28% → 26%	26% → 5%
7	36% → 30%	46% → 53%	15% → 18%	3% → 10%
8	18% → 15%	56% → 42%	15% → 30%	12% → 3%

6th Grade- 31% at or above proficient

7th Grade- 28% at or above proficient

8th grade- 33% at or above proficient

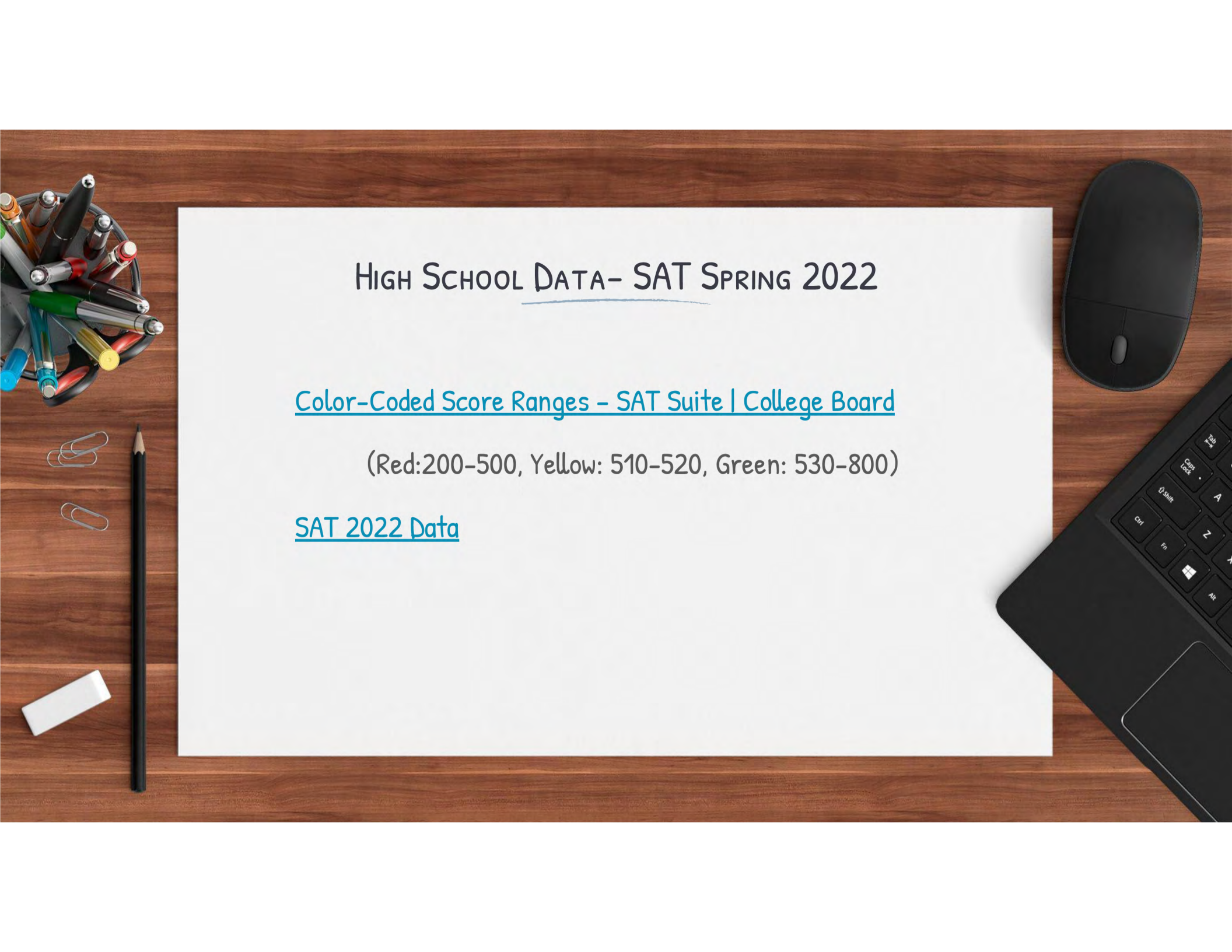
MIDDLE SCHOOL ACTION PLAN

Instruction

- 7th grade math will be leveled
- 6th and 7th grade math will have one section co-taught with a special educator
- Period 1/SEER will be competency based on reinforcement of skills
- Utilize Title 1 supports
- Weekly Peer Tutoring with NJHS and NHS
- Math concepts embedded in non-content courses (ie-FACS)
- Enhance our Homework Club (3 days per week for two hours each day)

Professional Development

- Focus groups on Universal Design for Learning
- PLC and department meetings to focus on all assessments (ie- pre and post assessments)
- Professional development on curriculum alignment
- Continue and improve outreach to families
- Continued professional development for science teachers to address areas of student need.



HIGH SCHOOL DATA- SAT SPRING 2022

Color-Coded Score Ranges - SAT Suite | College Board

(Red:200-500, Yellow: 510-520, Green: 530-800)

SAT 2022 Data

High School Data- NH SAS 11TH GRADE SCIENCE

Grade	1- Below Proficient	2- Approaching Proficient	3- Proficient	4- Above Proficient
11	48%	13%	39%	0%

HIGH SCHOOL ACTION PLAN

Instruction

- Embedded SAT and PSAT style questions and vocabulary within curriculum
- SAT/PSAT prep during advisory on a weekly basis to include personalized 1:1 sessions, small group prep, and whole class preparation
- Elimination of Basic Algebra A and including a co-taught Algebra 1 course
- 1:1 meetings with students to develop benchmark goals
- Complete practice assessments within regular courses
- Biotrek coursework in science department (<https://www.armiusa.org/>)

Professional Development

- Math department to complete a collaborative SLO in math
- PLC focus on all assessments
- Department meetings and PD to align math curriculum 6-12
- Math Summit meetings to continue on a quarterly basis with use of iReady and PSAT/SAT data
- Continue and improve upon our outreach to families
- Utilize student response data from a post-SAT/PSAT survey sent from administration



CLOSING AND QUESTIONS