

Overcoming Learning Loss and Providing Academic Recovery (DRAFT)

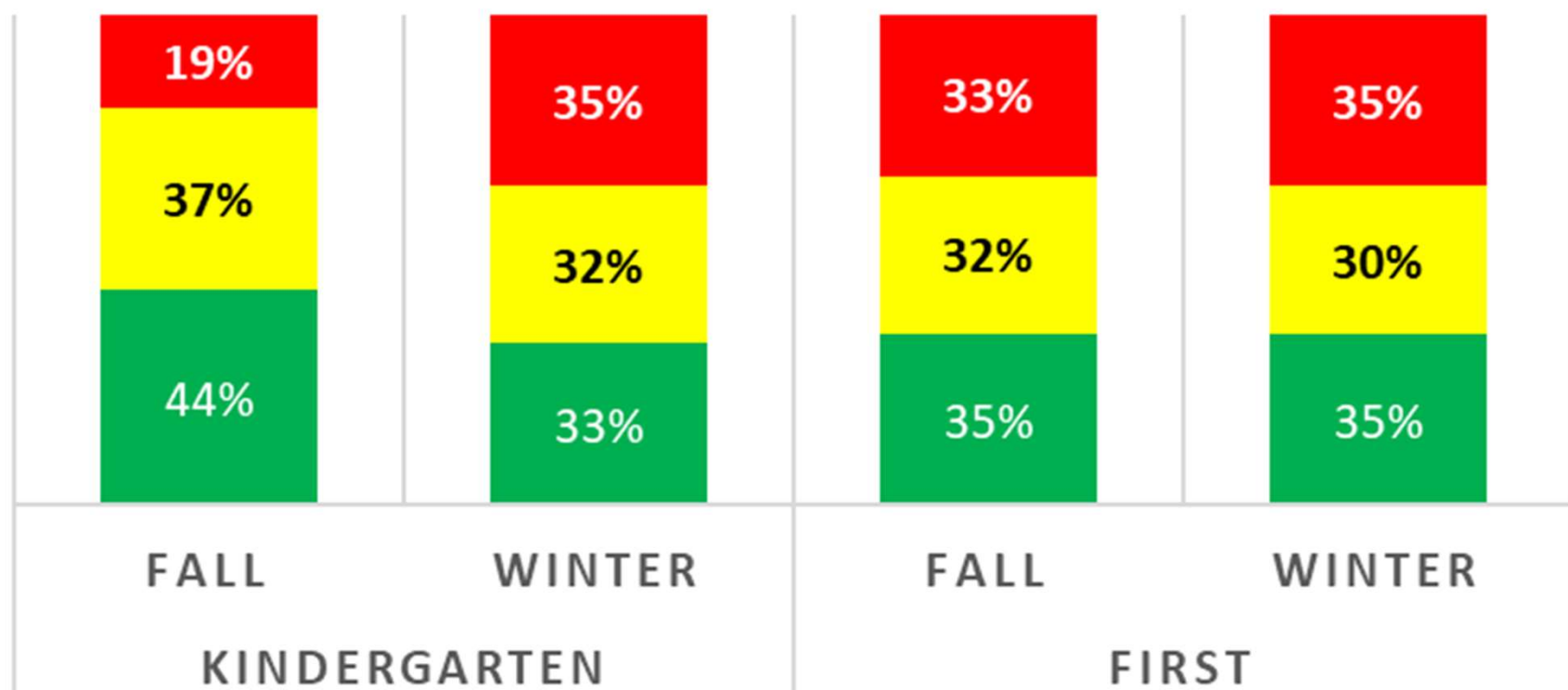
ESSER FUNDING

Research Questions

1. What are the most significant academic achievement gaps among our students?
2. What data do we use to identify students with deficiencies?
3. What strategies will we use during our Summer Academic Recovery Programs and 21/22 initiatives to advance student achievement and close gaps?
4. How will we use ESSER funding to support these initiatives?

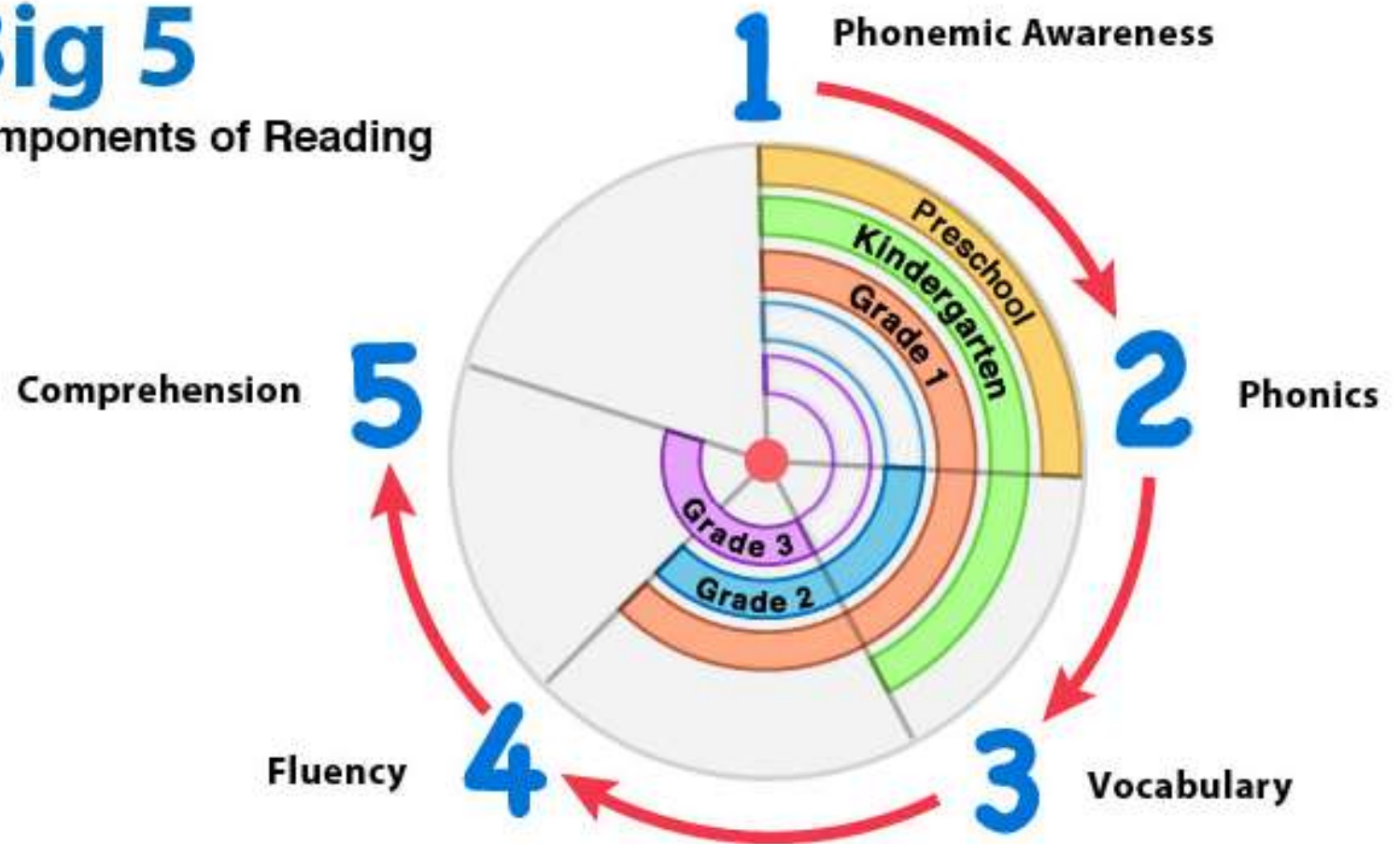
KINDERGARTEN & FIRST GRADE READING

■ Low Risk ■ Some Risk ■ High Risk

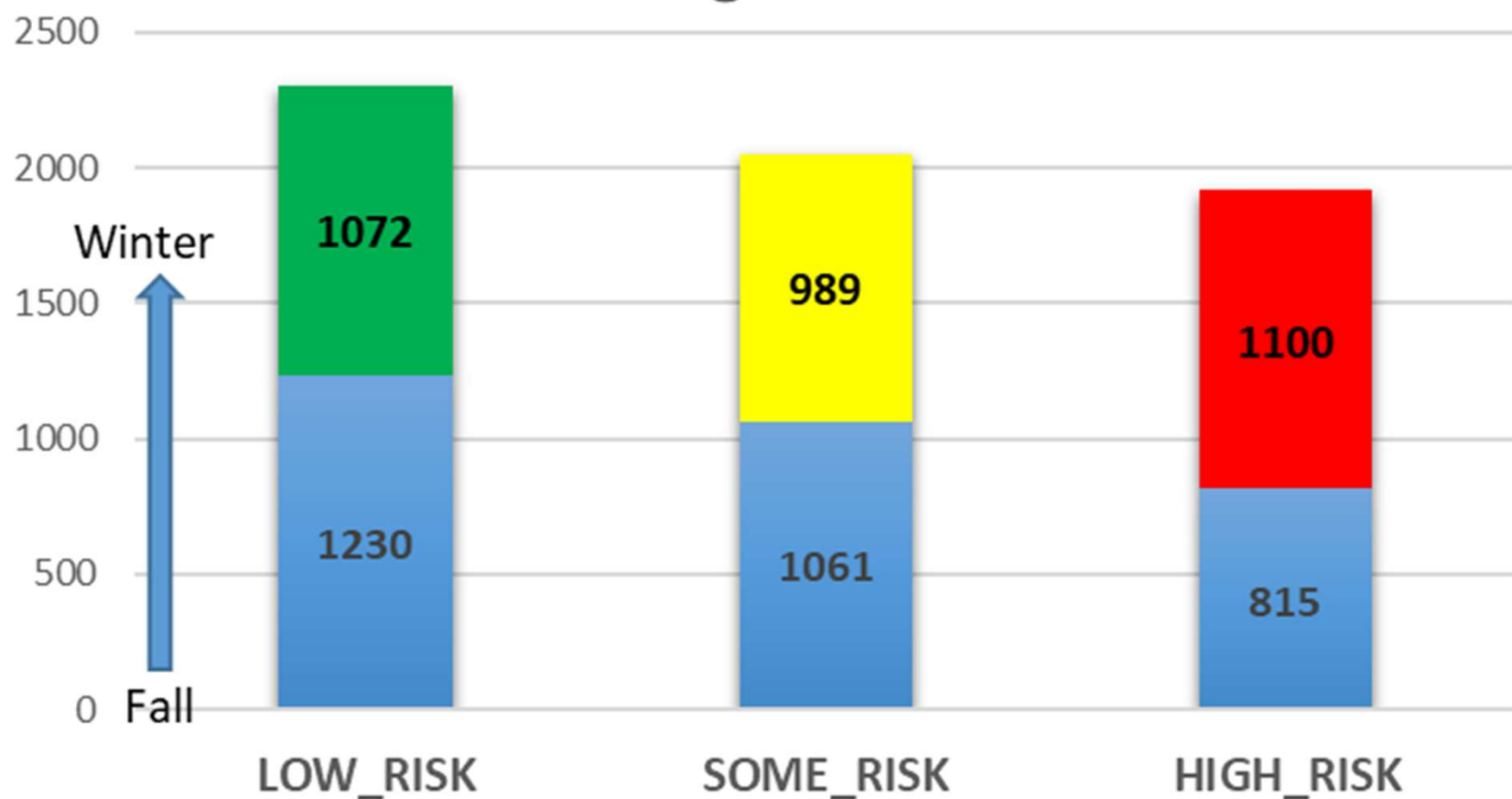


The Big 5

Essential Components of Reading

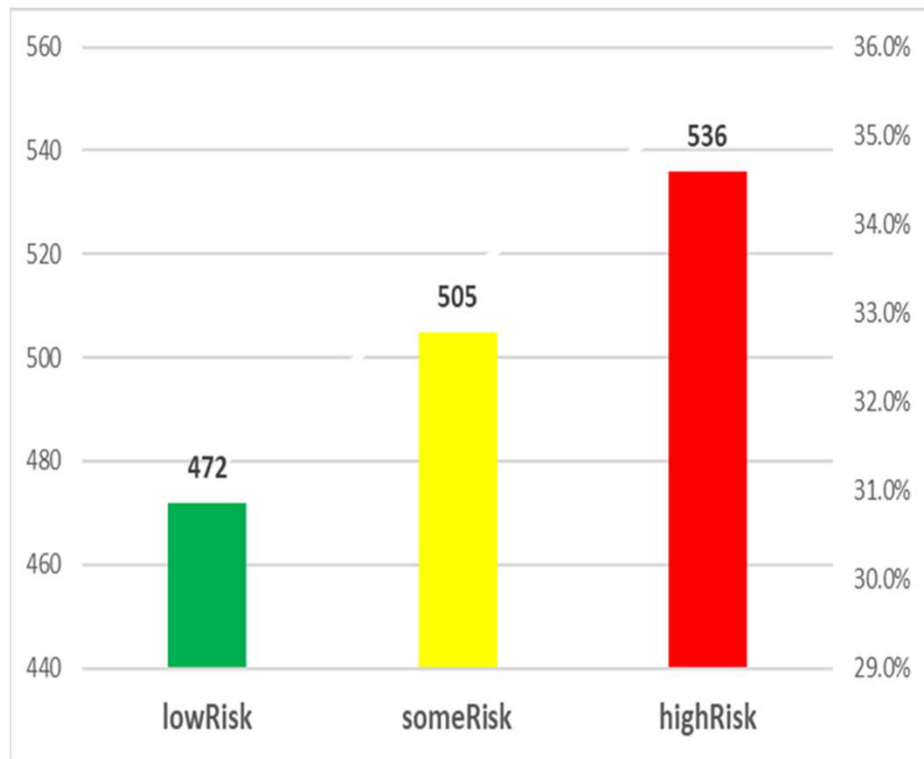


K-1 Reading Fall to Winter

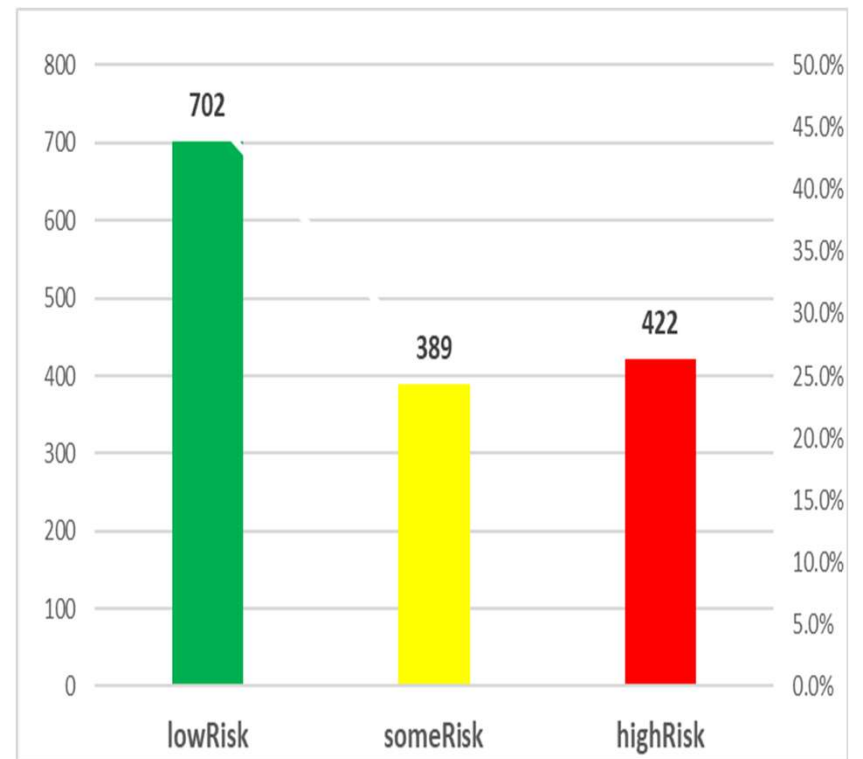


Kindergarten Skills

Letter Sounds

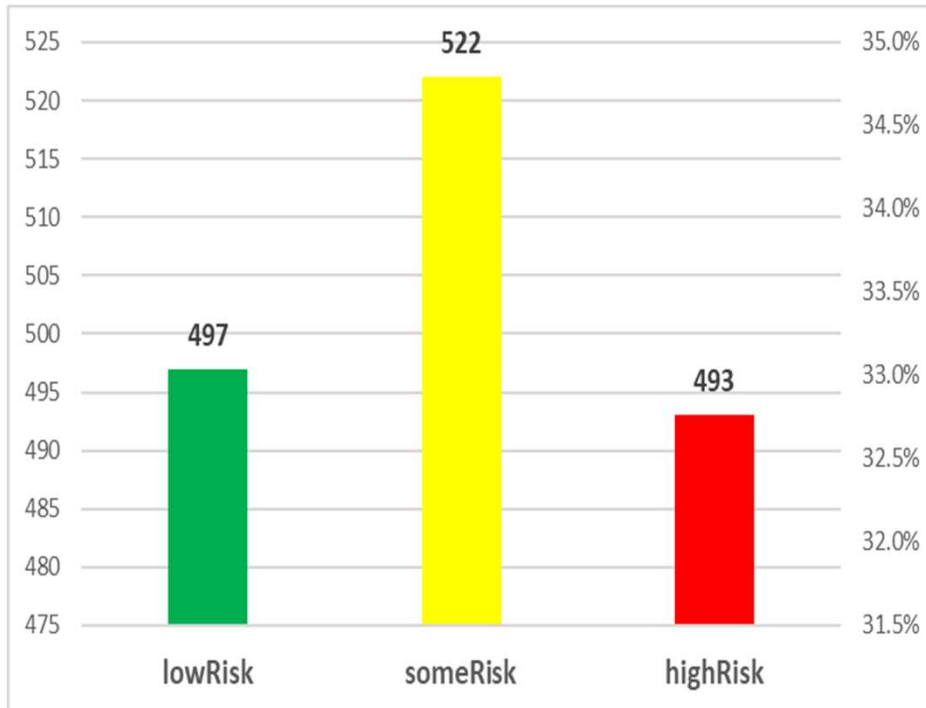


Onset Sounds

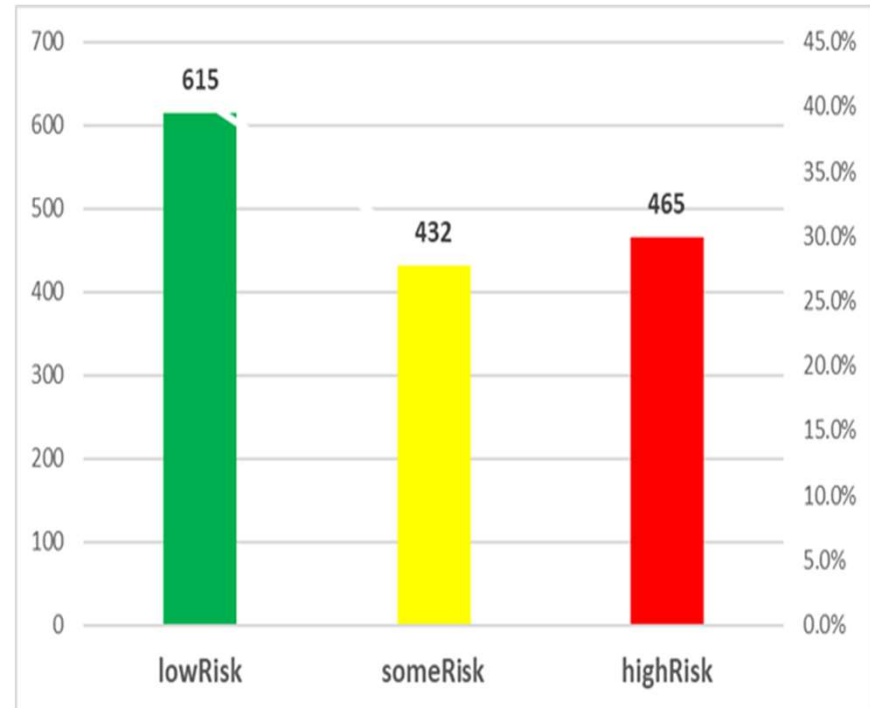


Kindergarten Skills

Word Segmenting

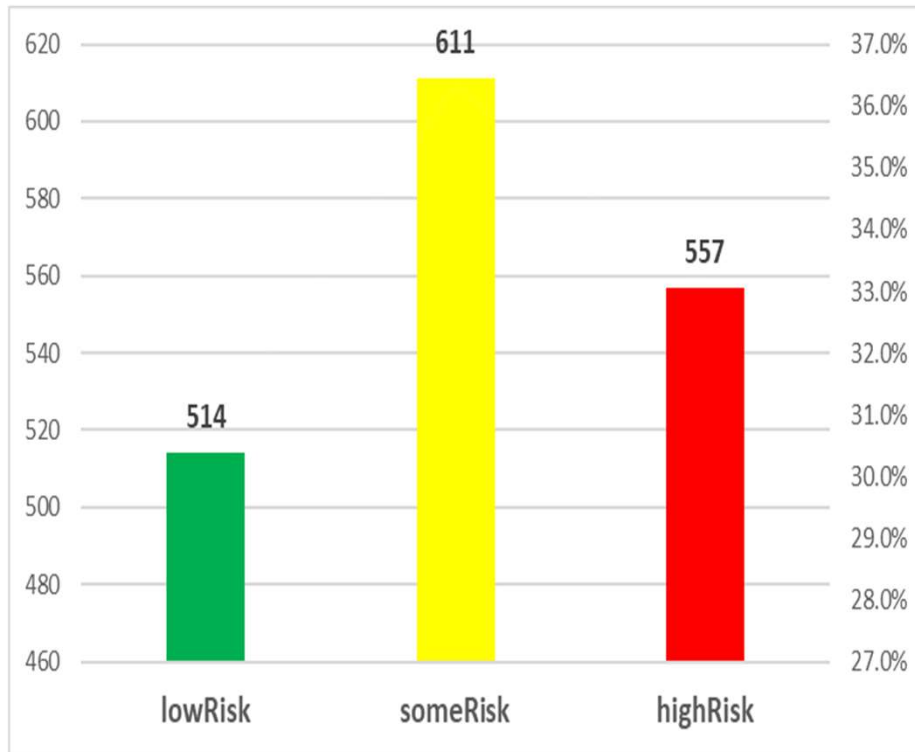


Nonsense Words

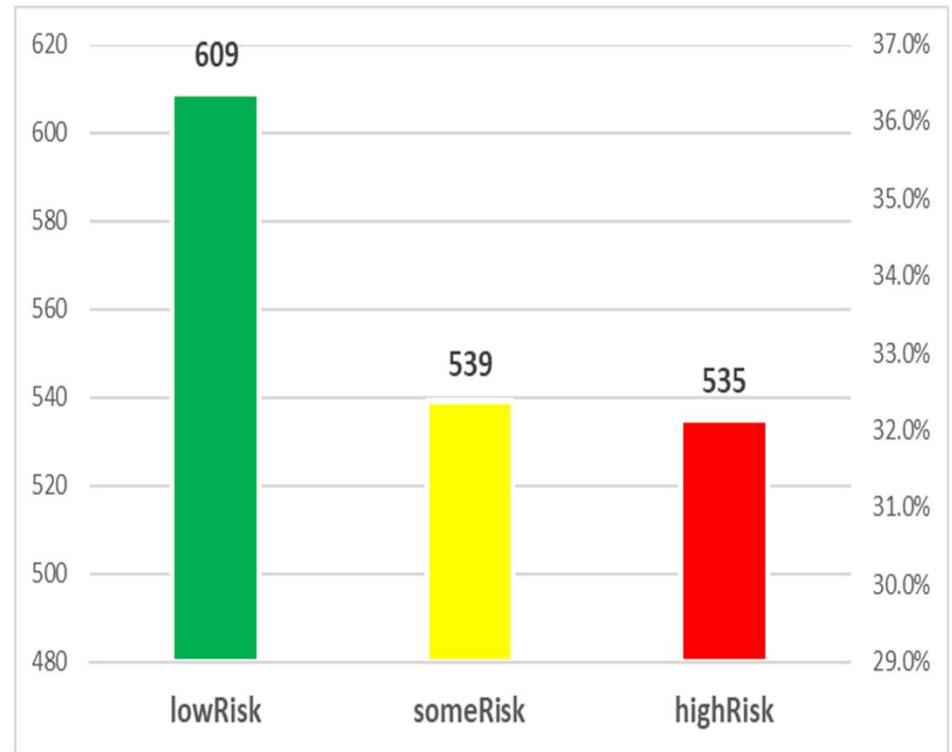


First Grade- Skills

Nonsense Words

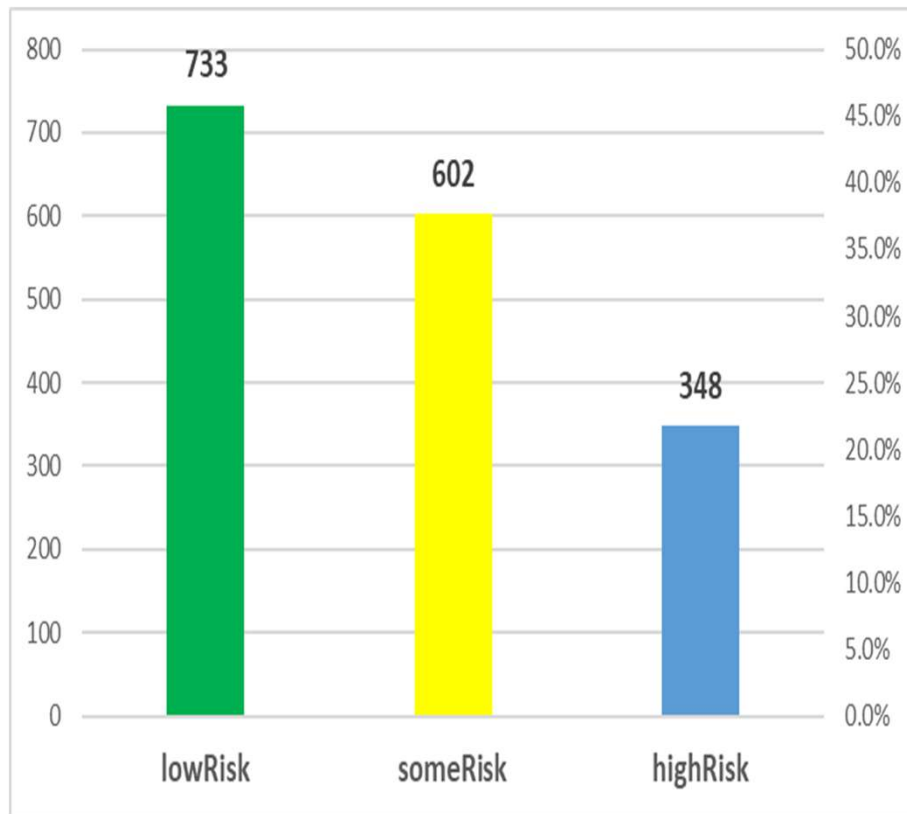


Sight Words

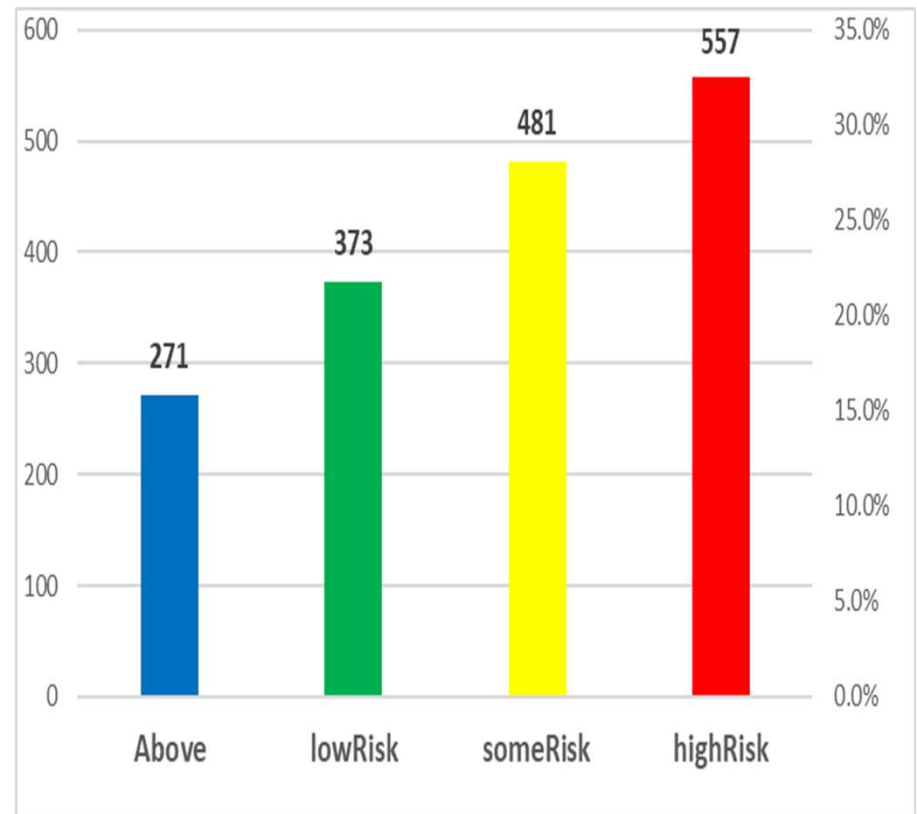


First Grade Skills

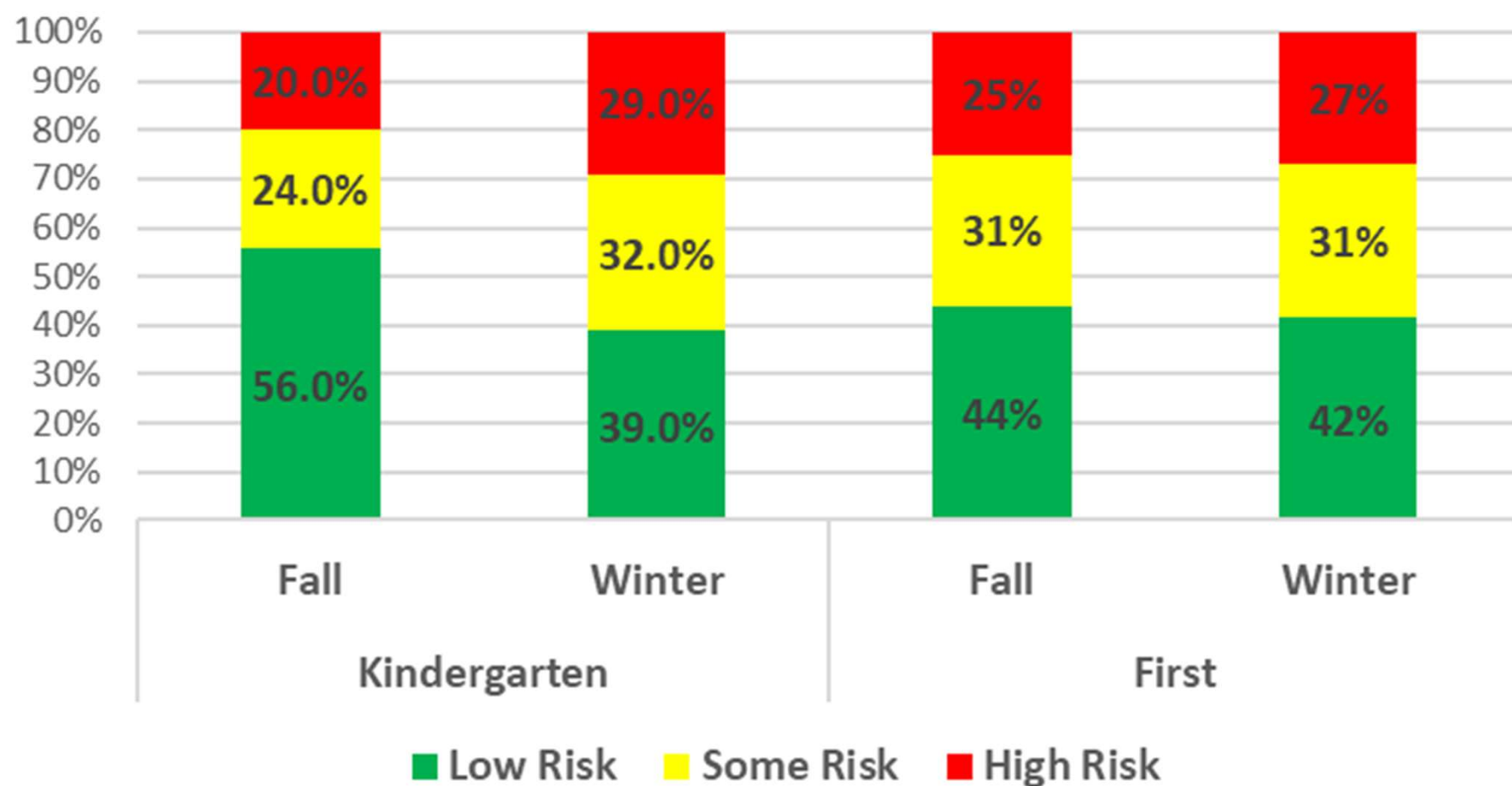
Word Segmenting



Reading Efficiency

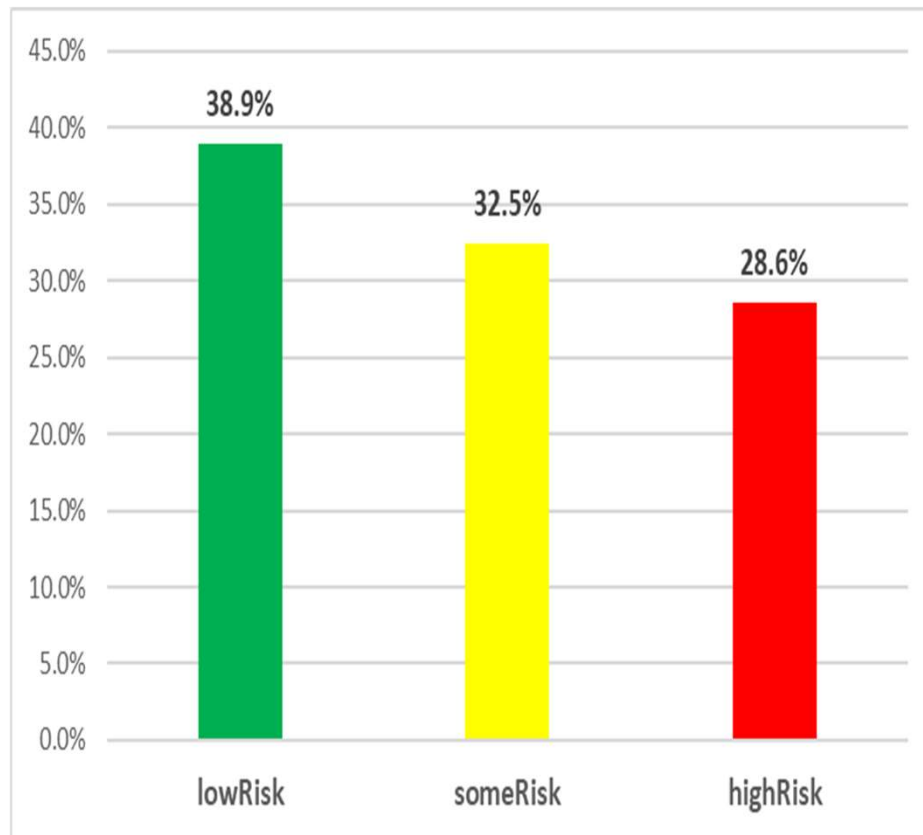


Kindergarten & First Grade Math

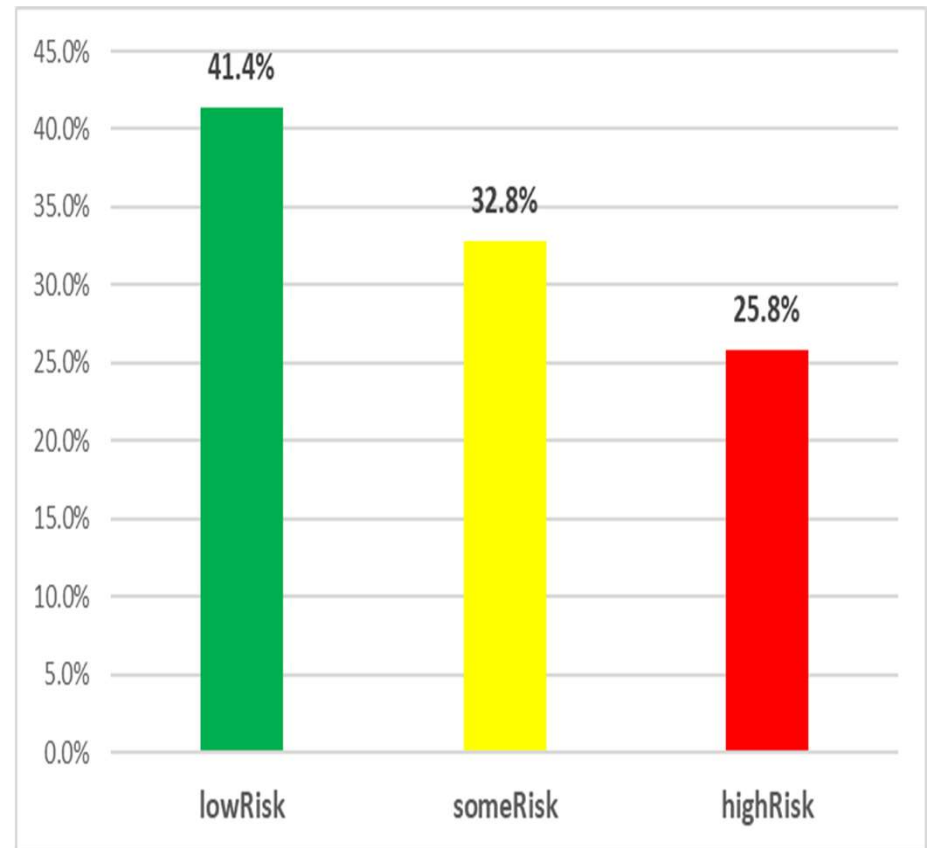


Kindergarten Math

Overall

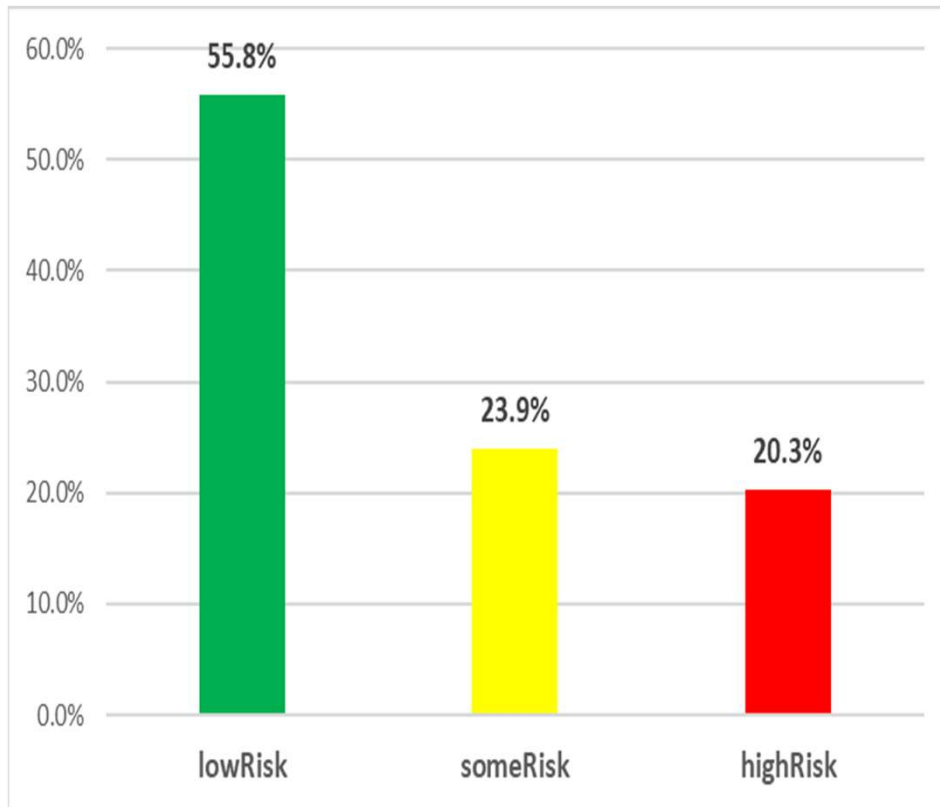


Number Identification

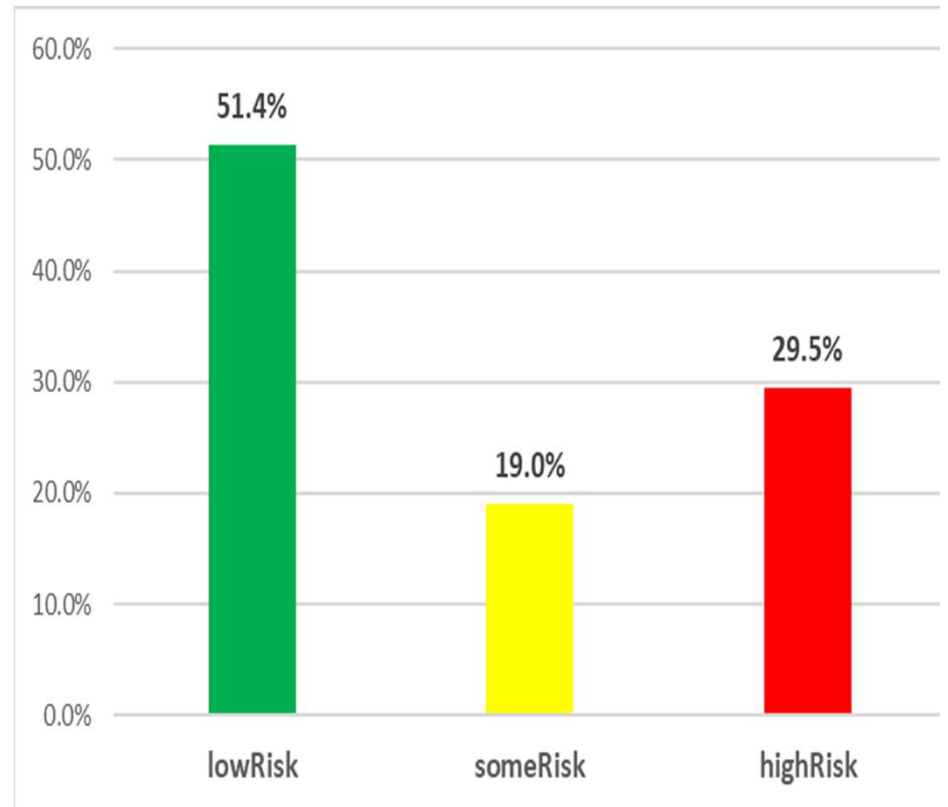


Kindergarten Math

Number Sequencing

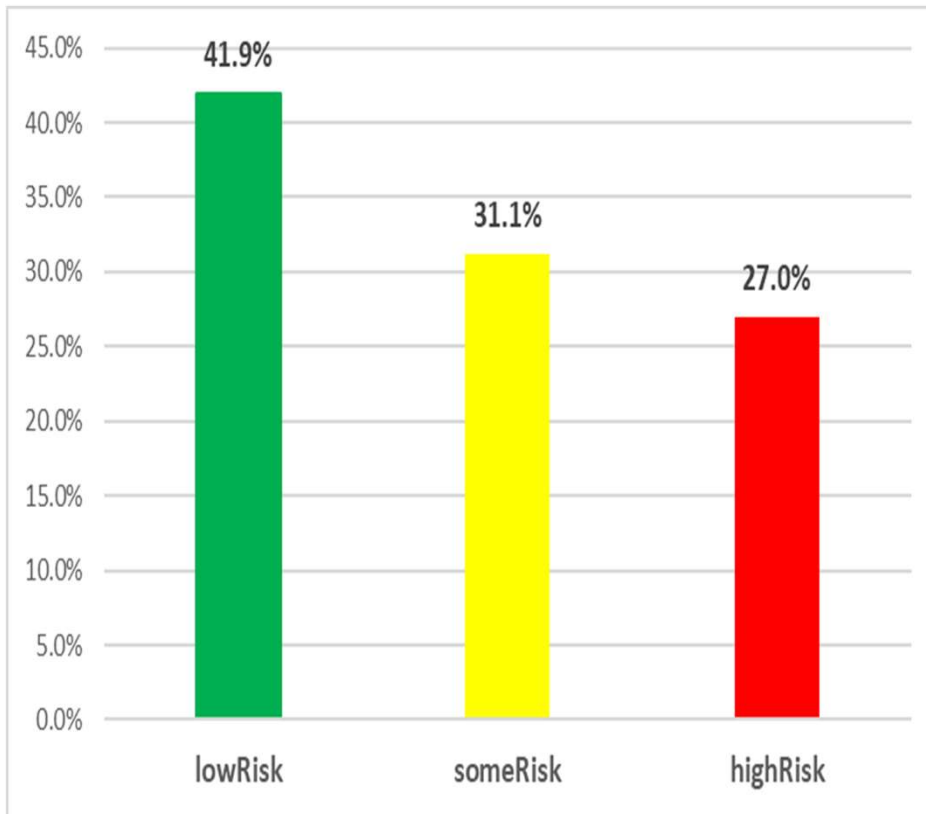


Decomposing

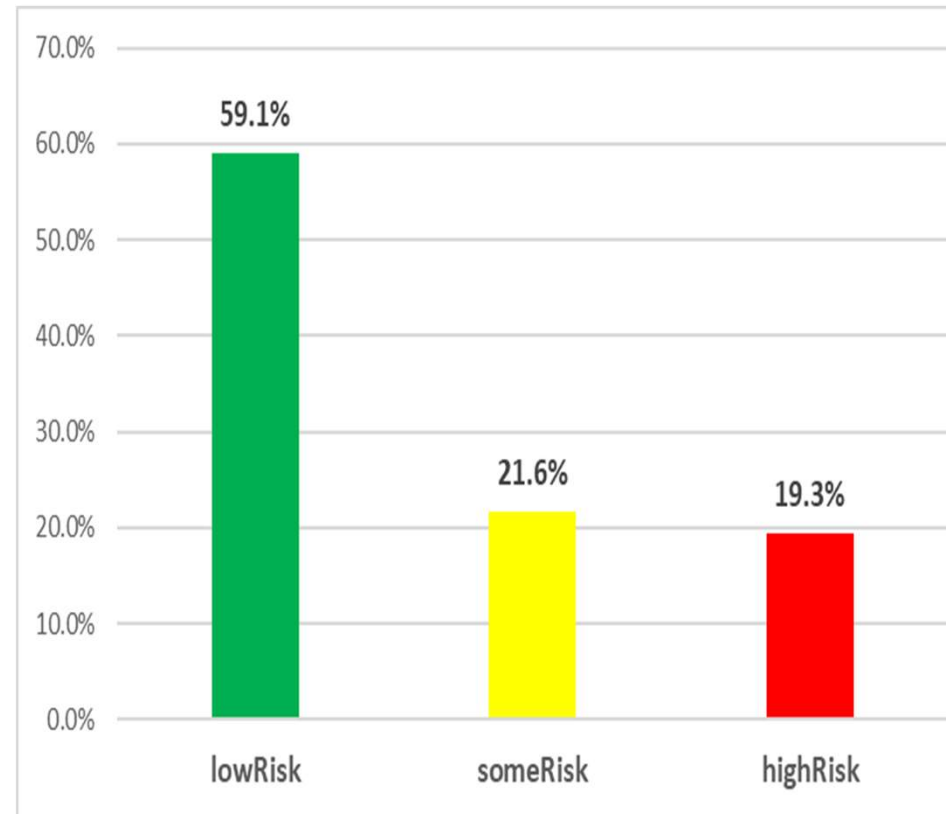


First Grade Math

Overall

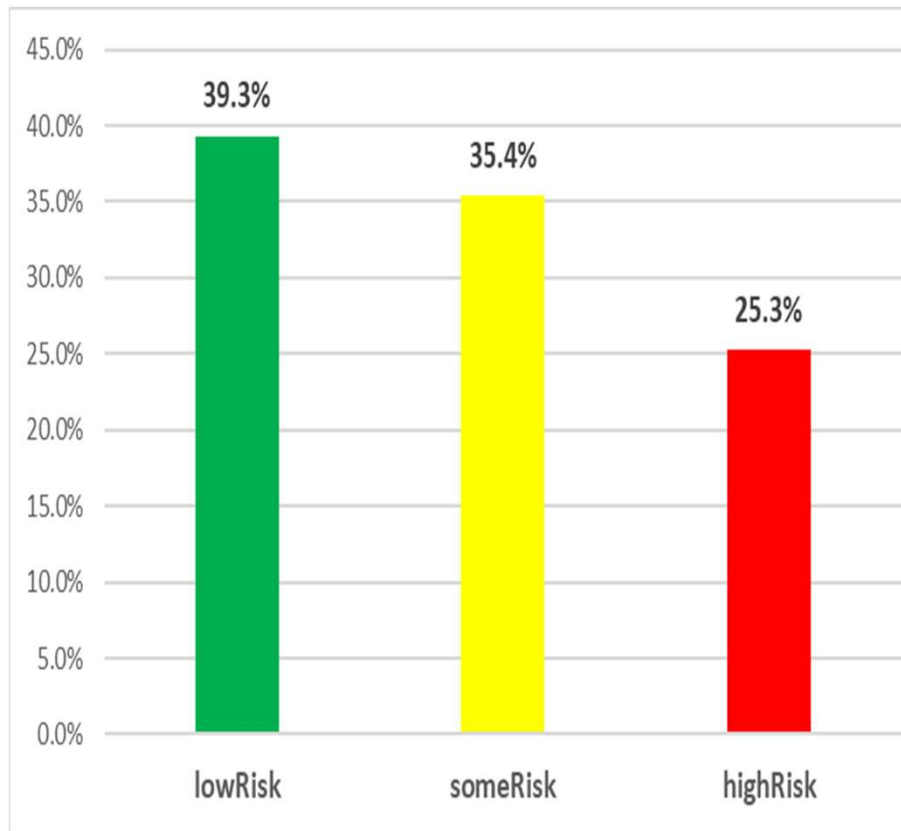


Number Sequence

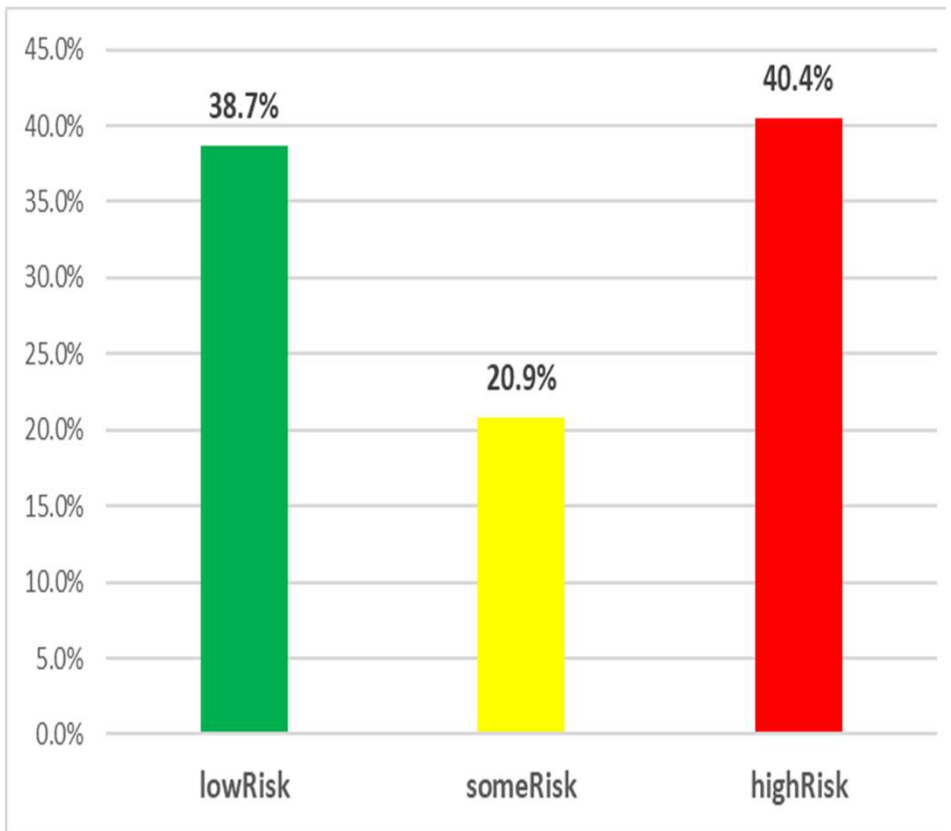


First Grade Math

Decomposing

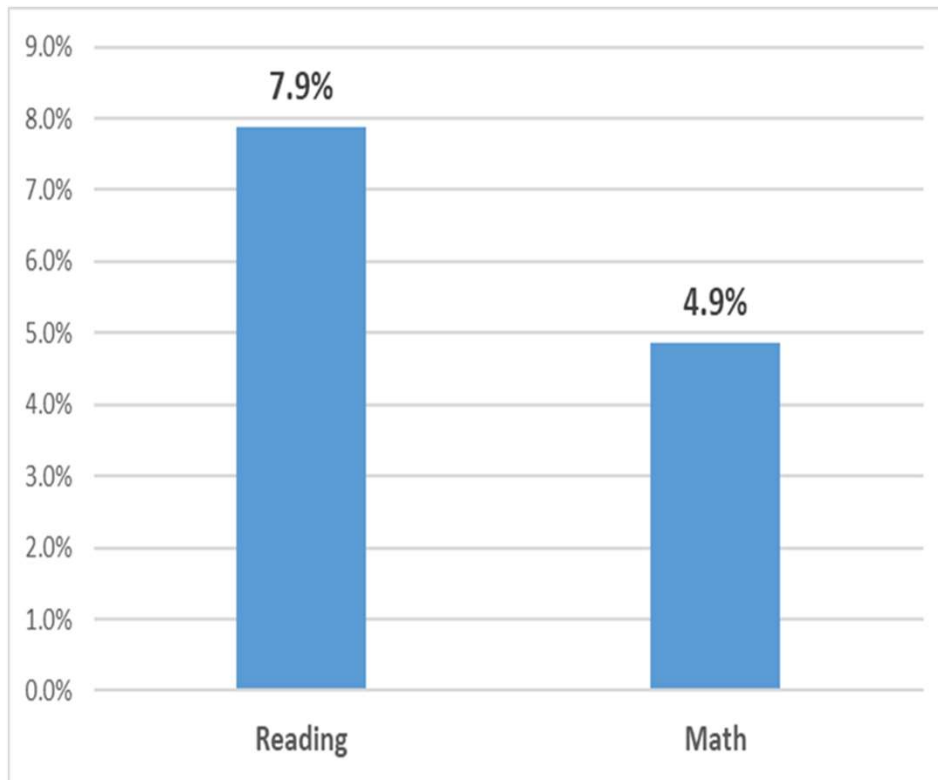


Place Value

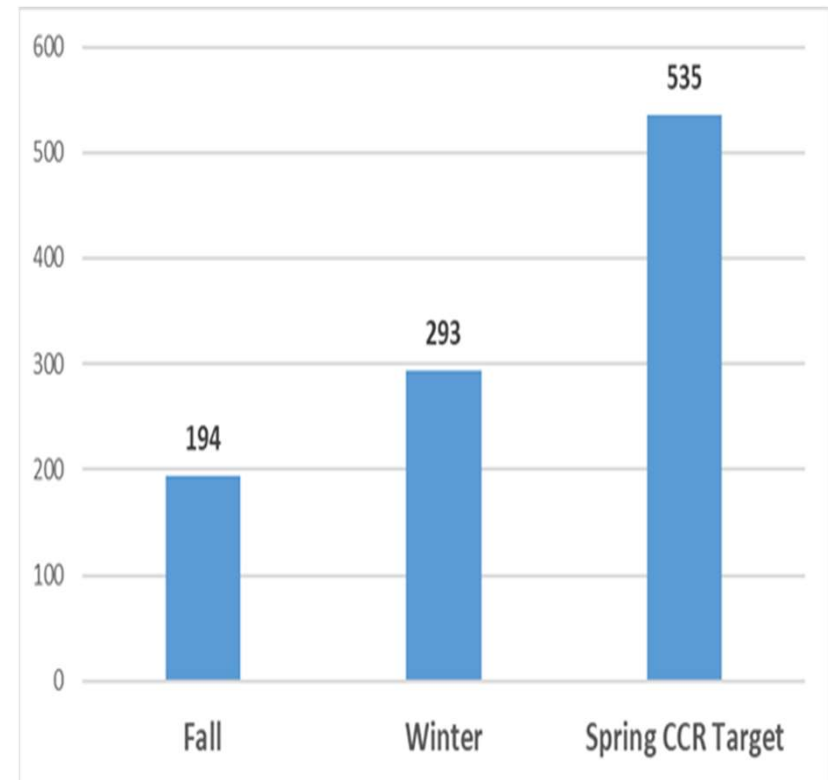


Second Grade

S1 Course Failures



Lexile



Second Grade Target Areas

READING

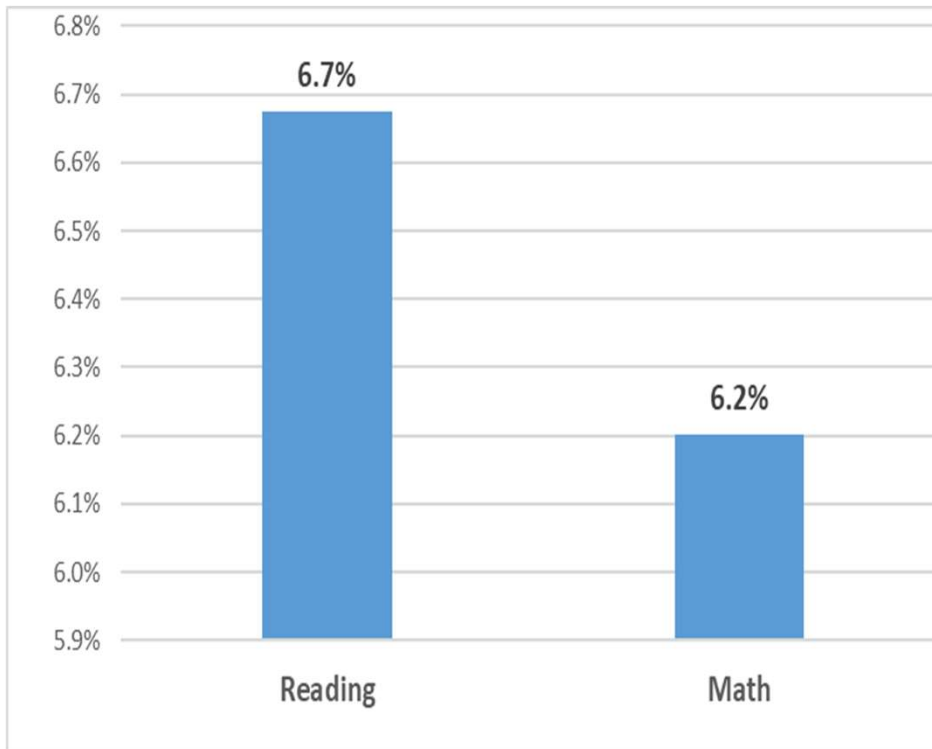
- Describe the overall structure of a narrative including how the beginning introduces and the ending concludes the action.
- Use information gained from illustrations and words in a print or multimedia text to demonstrate understanding of its characters, setting, or plot.

MATH

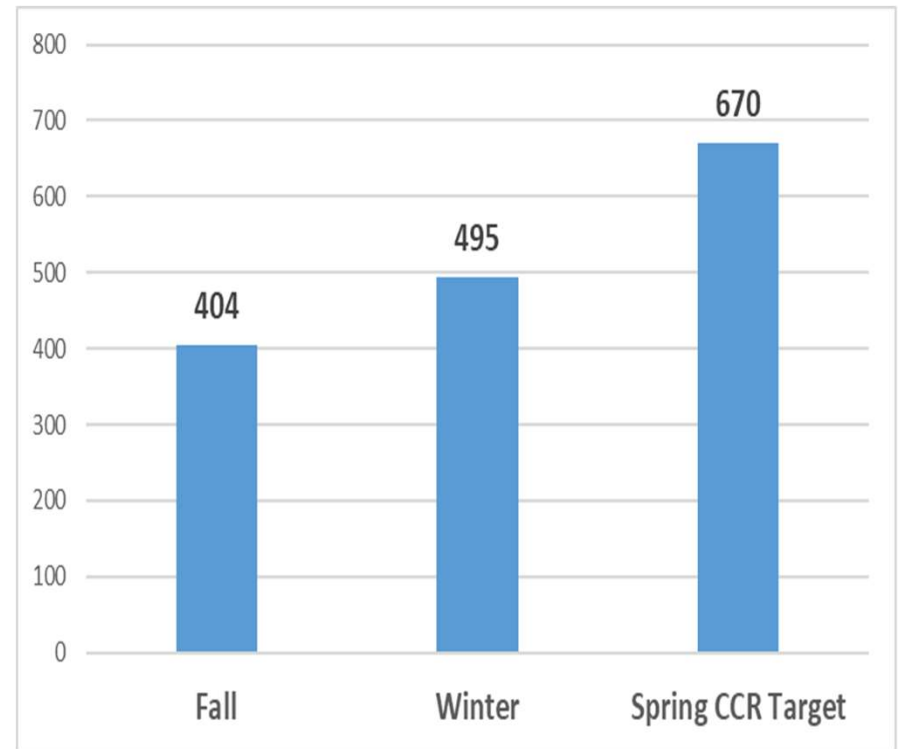
- Use analog and digital clocks to tell and record time to the nearest five-minute interval using a.m. and p.m.
- Understand place value through 999 by: demonstrating that:
 - 100 can be thought of as a bundle (group) of 10 tens called a “hundred”;
 - the hundreds digit in a three-digit number represents the number of hundreds, the tens digit represents the number of tens, and the ones digit represents the number of ones;
 - three-digit numbers can be decomposed in multiple ways (e.g., 524 can be decomposed

Third Grade

Current Course Failures



Lexile



Third Grade Target Areas

Reading

Ask and answer literal and inferential questions to determine meaning; refer explicitly to the text to support inferences and conclusions.

Summarize multi-paragraph texts using key details to support the central idea.

Identify text structures of various genres using the terms paragraph, chapter, scene, and stanza; describe how each part transitions.

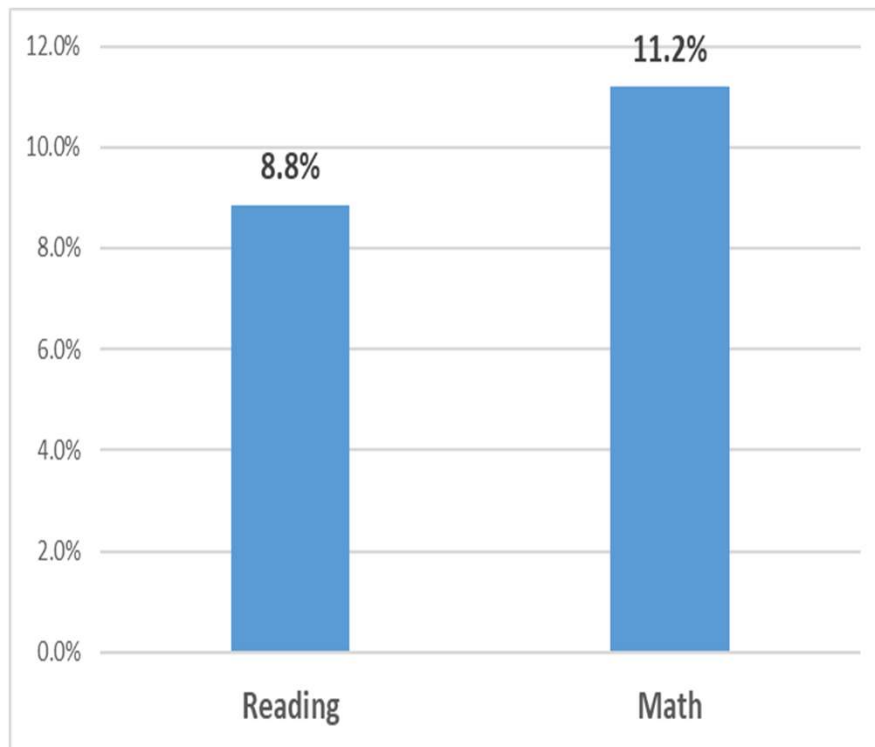
Math

Solve real-world problems involving equal groups, area/array, and number line models using basic multiplication and related division facts. Represent the problem situation using an equation with a symbol for the unknown.

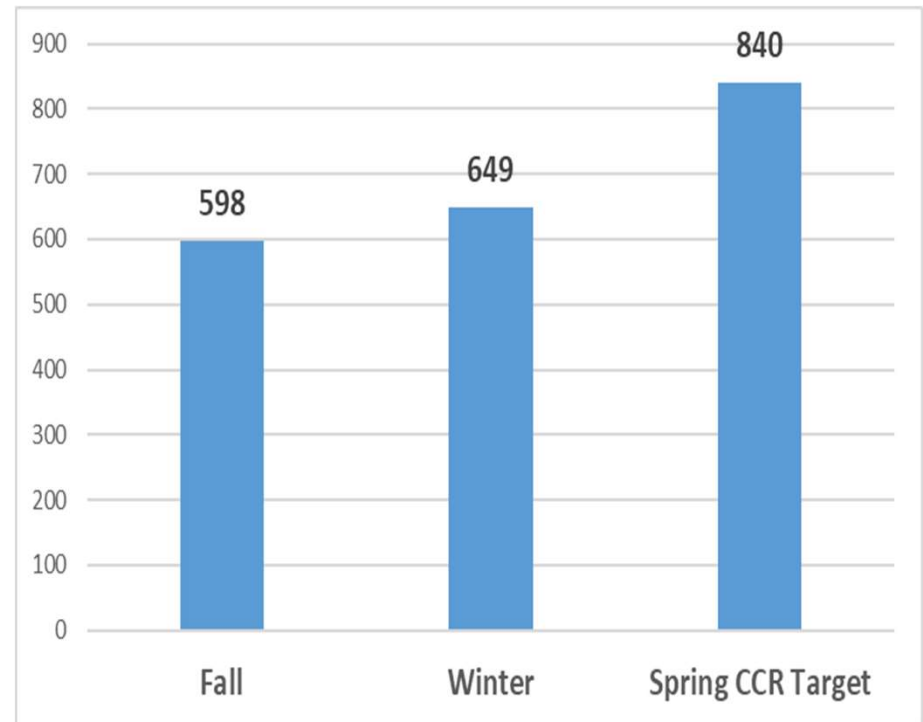
Determine the unknown whole number in a multiplication or division equation relating three whole numbers when the unknown is a missing factor, product, dividend, divisor, or quotient.

Fourth Grade

S1 Course Failures



Lexile



Fourth Grade Target Areas

Reading

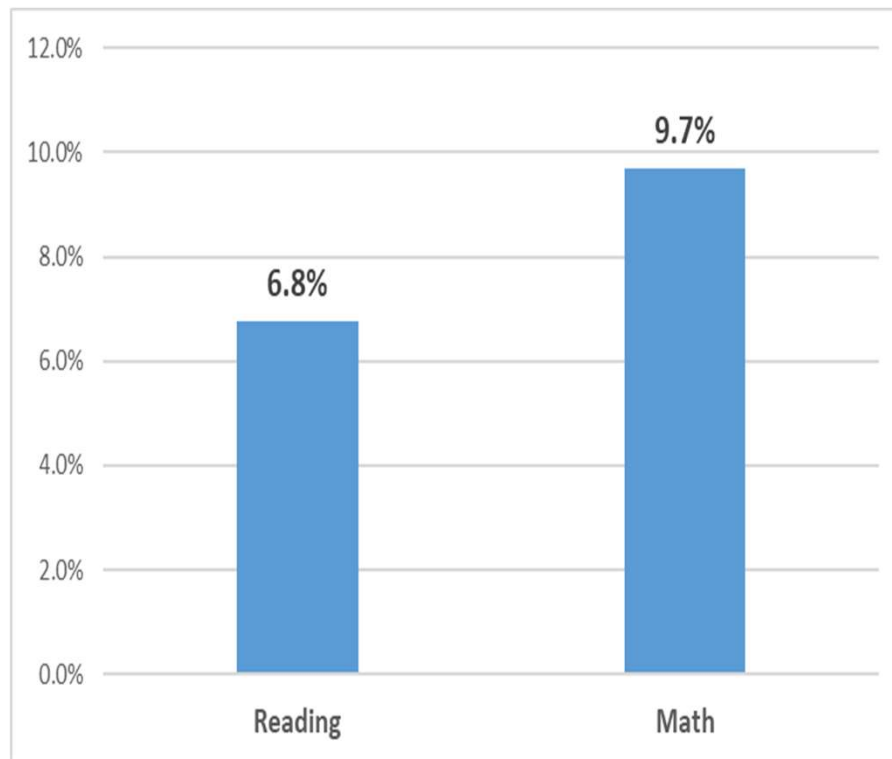
- Ask and answer inferential questions to analyze meaning beyond the text; refer to details and examples within a text to support inferences and conclusions.
- Summarize multi-paragraph texts using key details to support the central idea.

Math

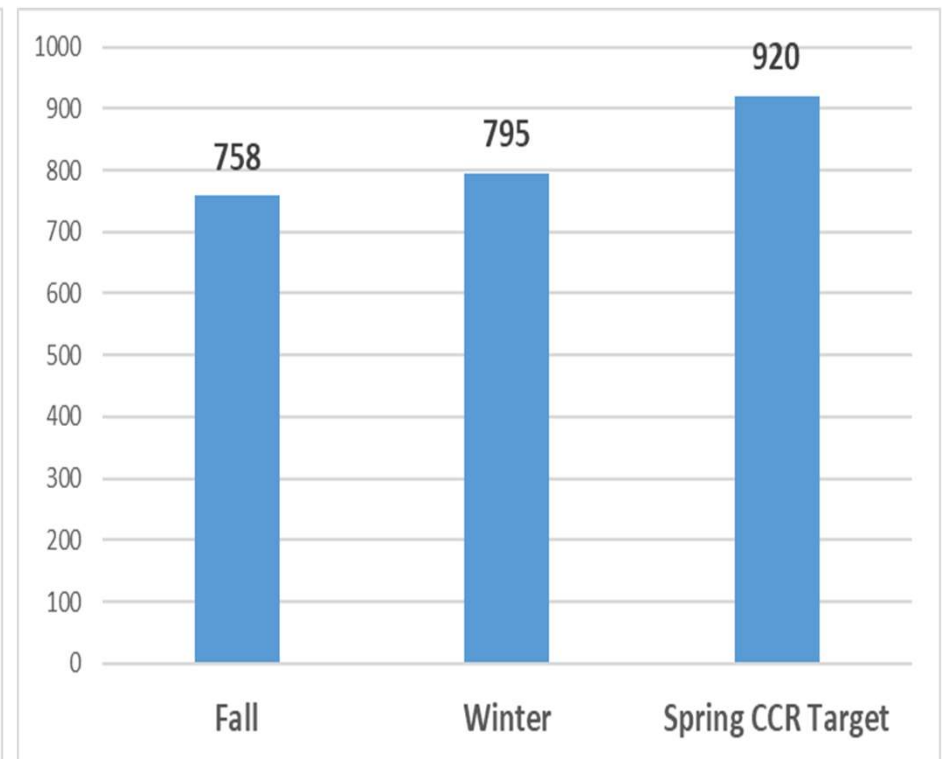
- Solve multi-step, real-world problems using the four operations. Represent the problem using an equation with a variable as the unknown quantity.
- Divide up to a four-digit dividend by a one-digit divisor using strategies based on place value, the properties of operations, and/or the relationship between multiplication and division.

Fifth Grade

S1 Course Failures



Lexile



Fifth Grade Target Areas

ELA

- Quote accurately from a text to analyze meaning in and beyond the text.
- Analyze characters, settings, events, and ideas as they develop and interact within a particular context.

Cite evidence within text to:

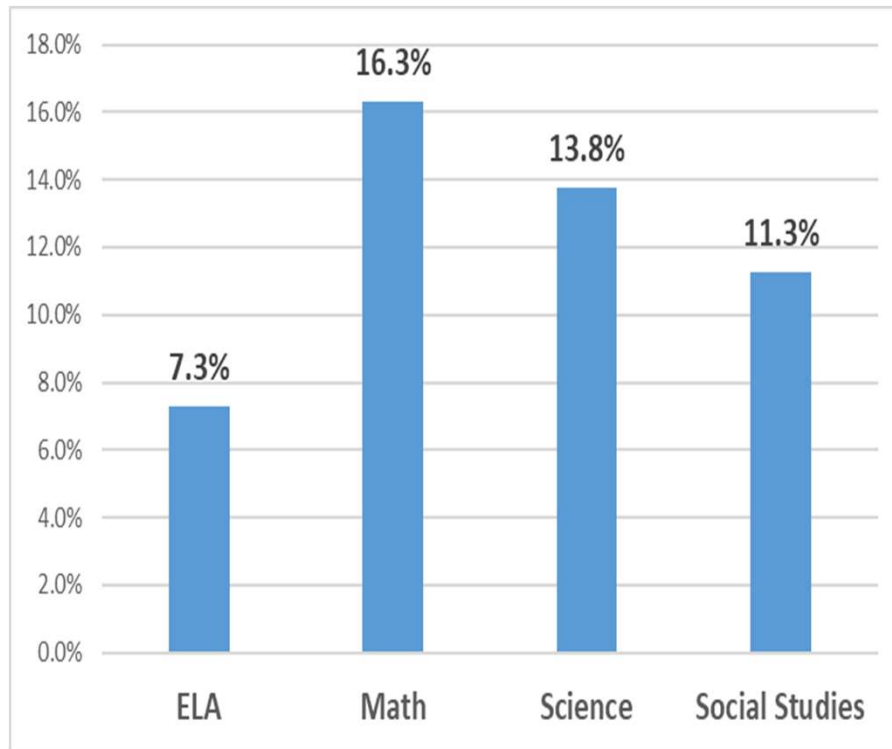
- a. analyze two or more characters, events, or settings in a text and explain the impact on the plot; and,
- b. explain the influence of cultural, historical, social and political context on characters, setting, and plot development.

Math

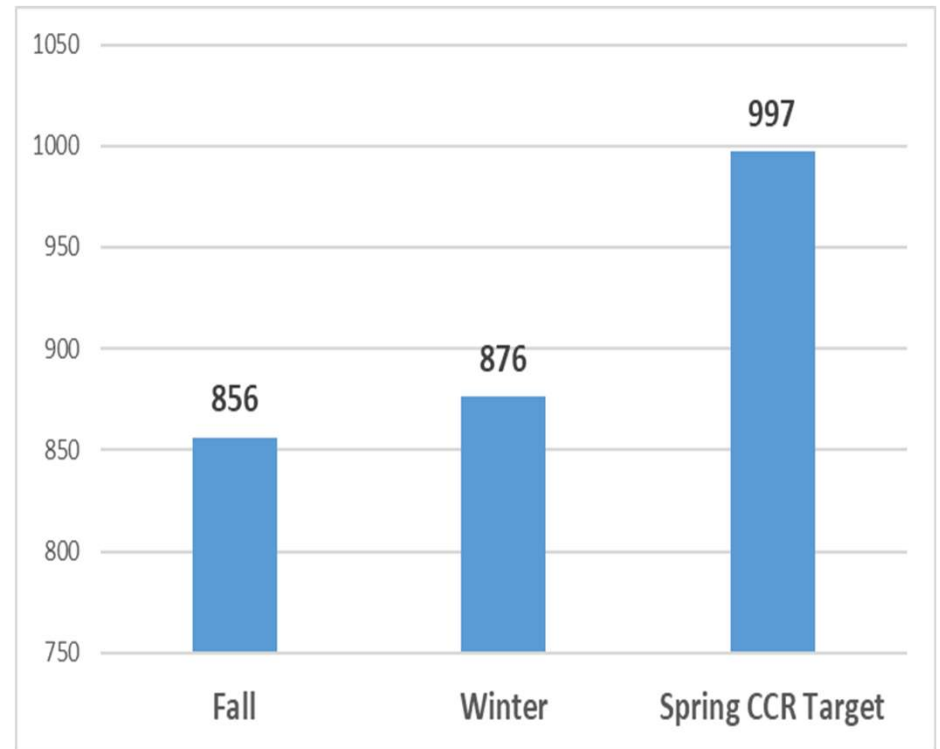
- Solve real-world problems involving addition and subtraction of fractions with unlike denominators.

Sixth

S1 Course Failures



Lexile



Sixth Grade Target Areas

ELA

- Demonstrate command of the conventions of standard English capitalization, punctuation, and spelling when writing.

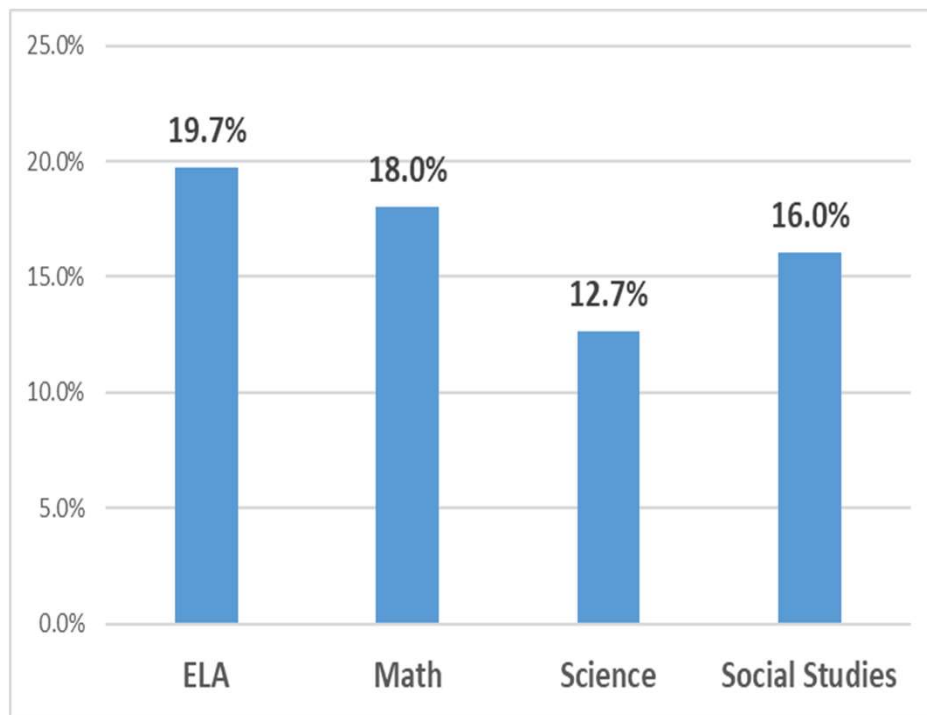
Use commas, parentheses, or dashes to set off nonrestrictive/parenthetical elements; and semicolons to connect main clauses and colons to introduce a list or quotation.

MATH

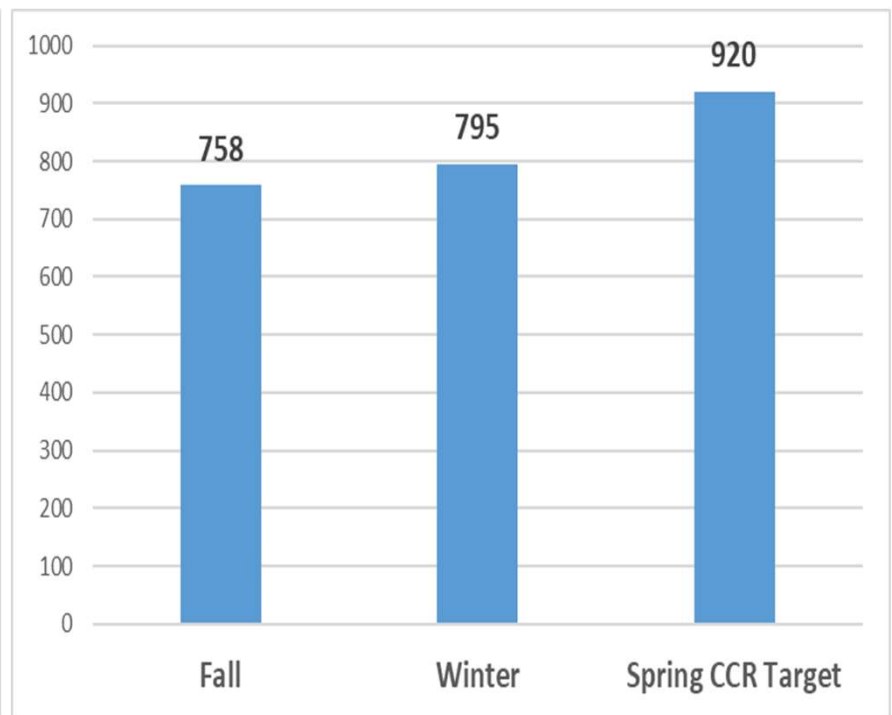
- Apply mathematical properties (e.g., commutative, associative, distributive) to justify that two expressions are equivalent.
- Investigate and translate among multiple representations of rational numbers (fractions, decimal numbers, percentages). Fractions should be limited to those with denominators of 2, 3, 4, 5, 8, 10, and 100.

Seventh

S1 Course Failures



Lexile



Seventh Grade Target Areas

ELA

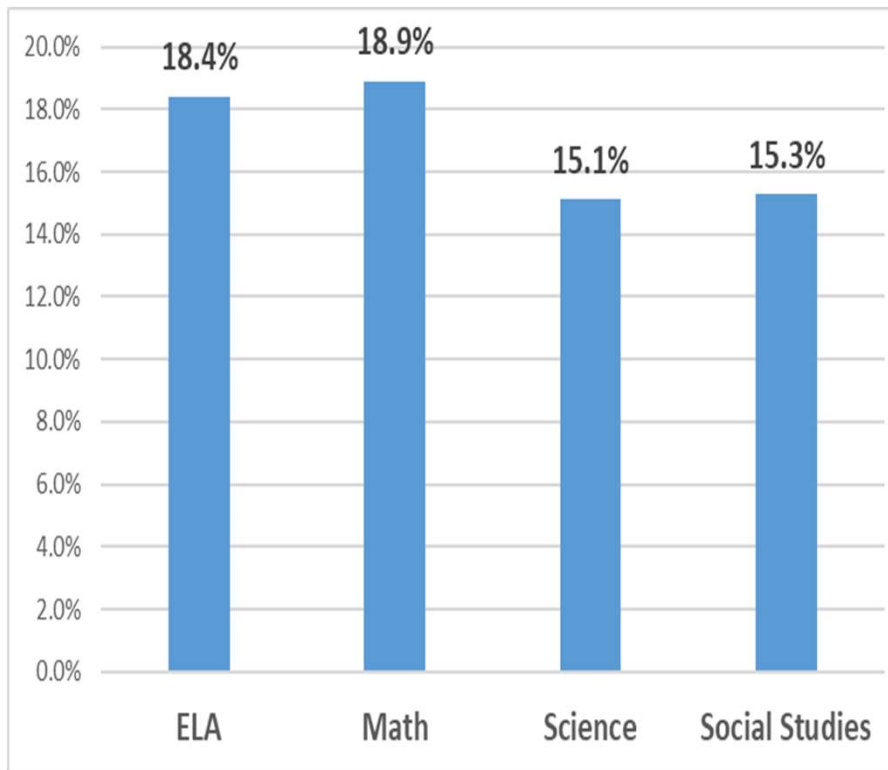
- Demonstrate command of the conventions of standard English capitalization, punctuation, and spelling when writing.
- Develop and strengthen writing as needed by planning, revising, editing, rewriting;

Math

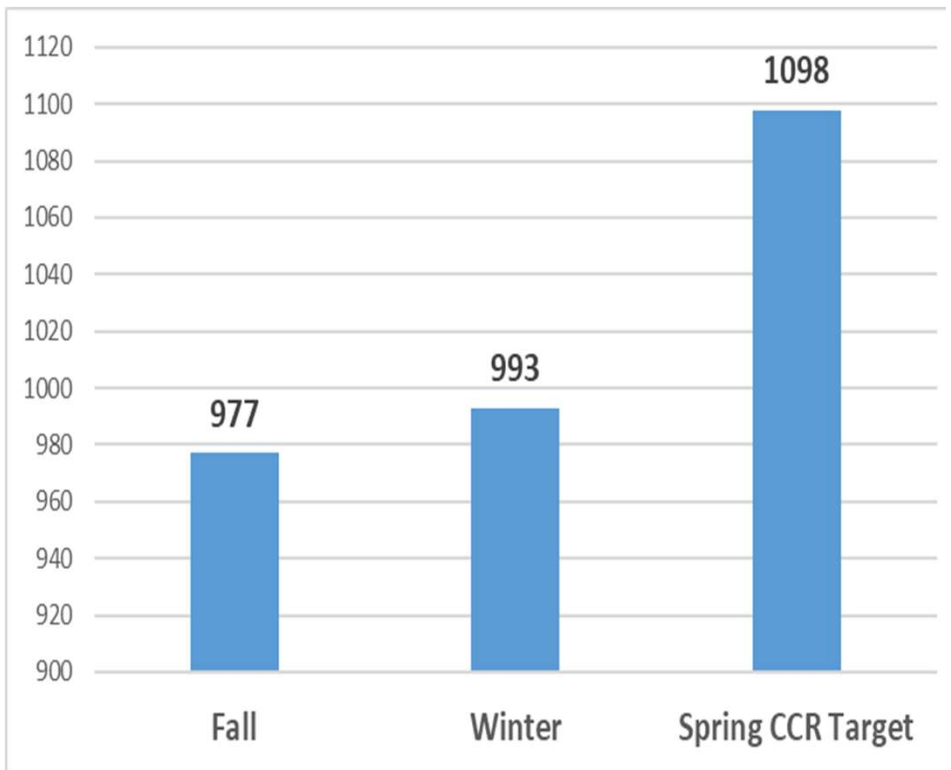
- Apply the concepts of linear equations and inequalities in one variable to real-world and mathematical situations.
- Solve real-world and mathematical problems involving ratios and percentages using proportional reasoning (e.g., multi-step dimensional analysis, percent increase/decrease, tax).

Eighth Grade

S1 Course Failures



Lexile



Eighth Grade Target Areas

ELA

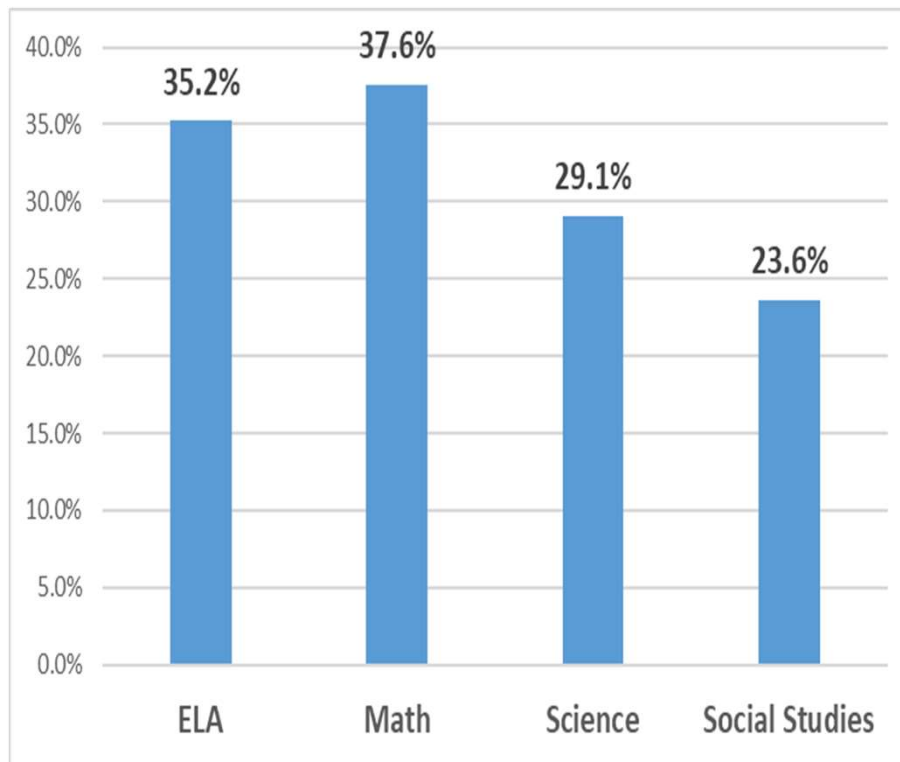
- Determine the figurative and connotative meanings of words and phrases as they are used in text; analyze the impact of specific word choices on meaning and tone, including analogies or allusions to other texts.
- Provide an objective summary of a text with two or more central ideas; cite key supporting details to analyze their development.

Math

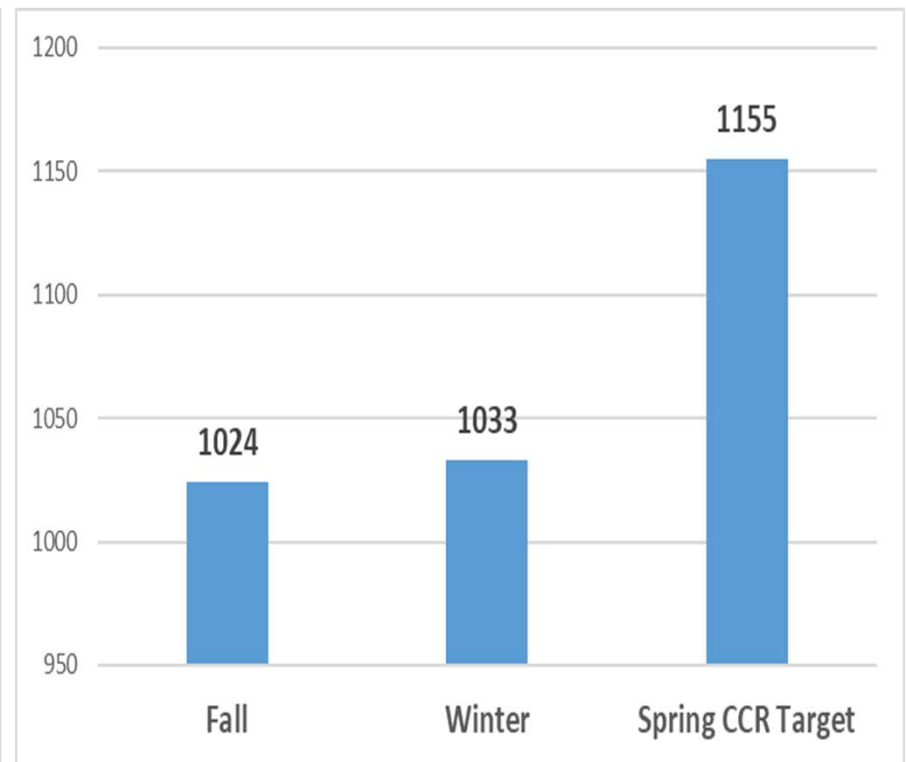
- Apply the Pythagorean Theorem to model and solve real-world and mathematical problems in two and three dimensions involving right triangles.
- Understand and apply the laws of exponents (i.e. product rule, quotient rule, power to a power, product to a power, quotient to a power, zero power property, negative exponents) to simplify numerical expressions that include integer exponents.

Ninth Grade

S1 Course Failures



Lexile



Ninth Grade Target Areas

English 1

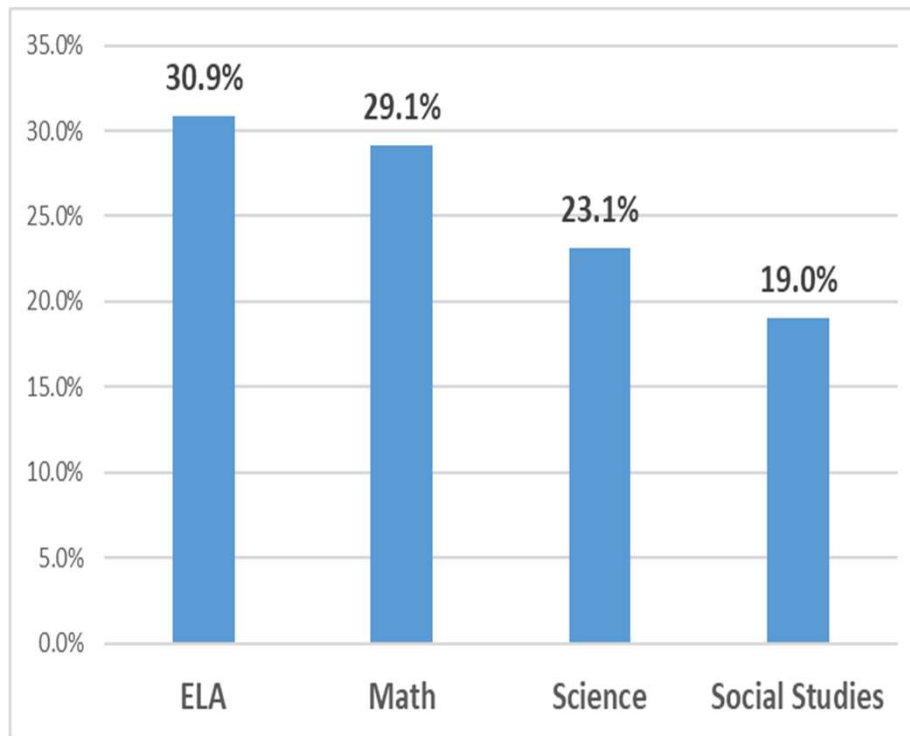
- Use context clues to determine meanings of words and phrases.
- Determine a theme of a text and analyze its development over the course of the text including how it emerges and is shaped and refined by specific details; provide an objective summary of the text.

Algebra 1

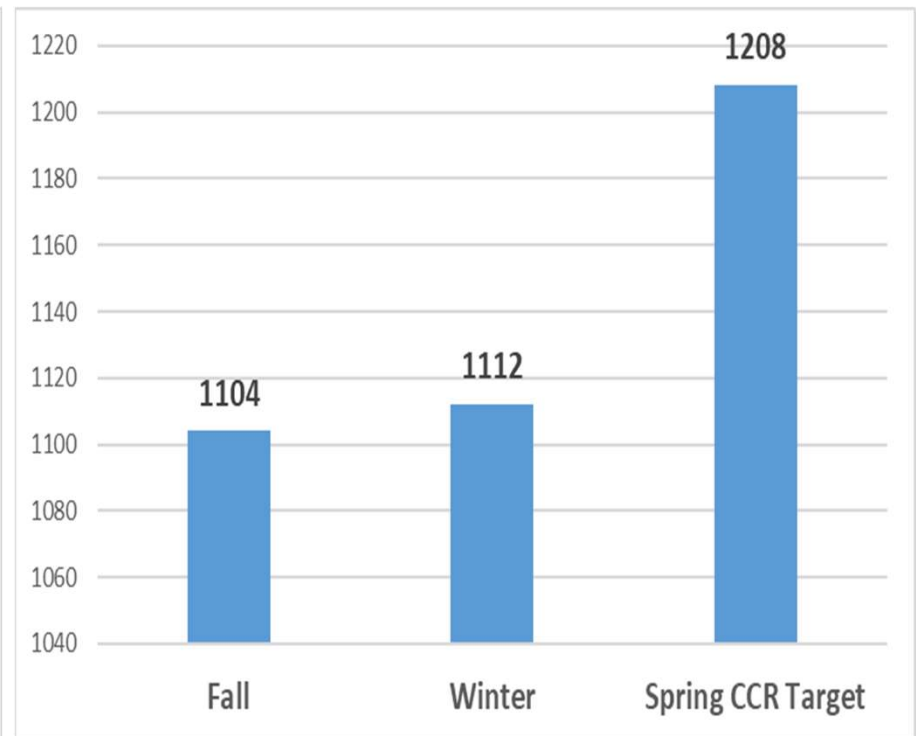
- Extend previous knowledge of a function to apply to general behavior and features of a function.
- Given a function in graphical, symbolic, or tabular form, determine the average rate of change of the function over a specified interval. Interpret the meaning of the average rate of change in a given context. (Limit to linear; quadratic; exponential.)

Tenth Grade

S1 Failure Rates



Lexile



Tenth Grade Target Areas

English 2

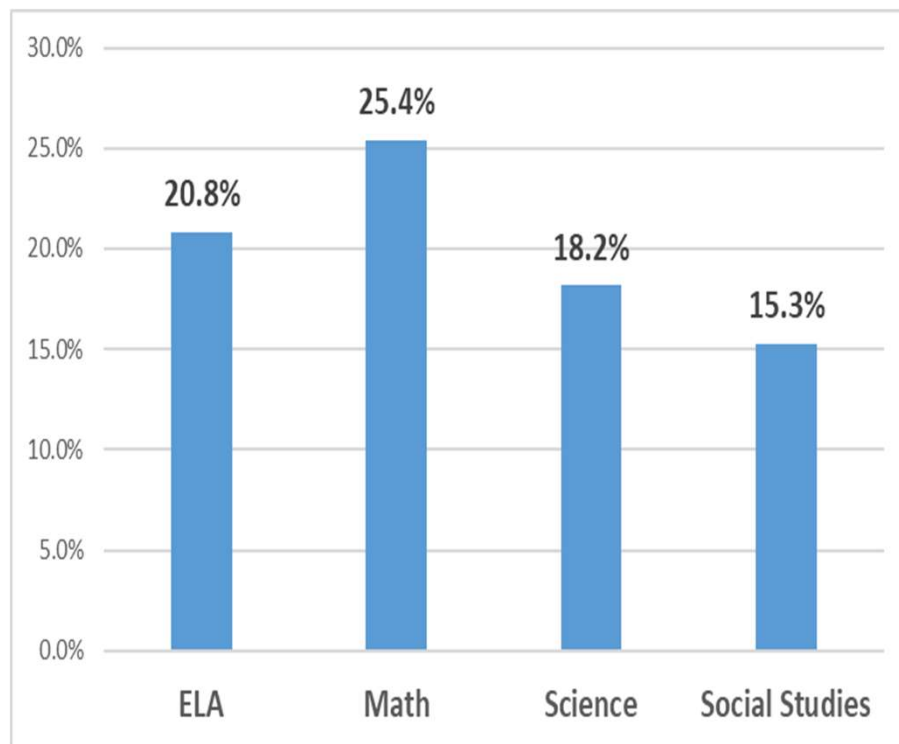
- Cite strong and thorough textual evidence to support analysis of what the text says explicitly as well as inferences drawn from the text; identify multiple supported interpretations.
- Explain how the author's meaning and tone are developed and refined by text features and structures.

Biology

- Develop and use a model to describe the function of a cell as a whole and ways parts of cells contribute to the function.
- Analyze and interpret data from informational texts and data collected from investigations using a range of methods (such as tabulation, graphing, or statistical analysis) to

Eleventh Grade

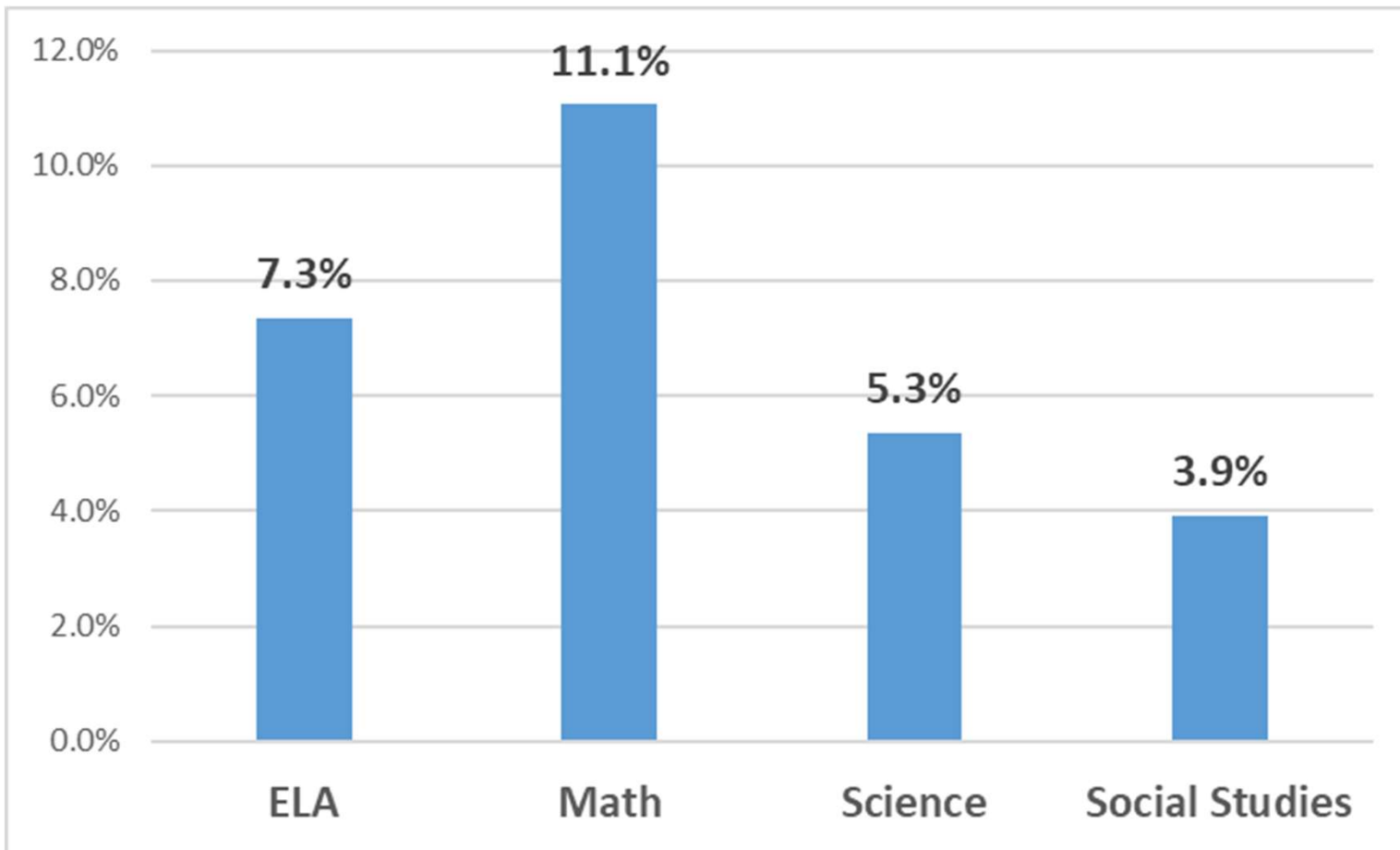
S1 Course Failures



U.S. History & the Constitution

- Analyze the effects of Reconstruction on the southern states and on the role of the federal government, including the impact of the thirteenth, fourteenth, and fifteenth amendments on opportunities for African Americans.
- Explain the impact of industrial growth and business cycles on farmers, workers, immigrants, labor unions, and the Populist movement and the ways that these groups and the government responded to the economic problems caused by industry and business.

Twelfth Grade S1 Course Failures



ESSER 2 Funding Proposal

DIVISION OF INSTRUCTION



AfterSchool / Saturday School

ESSER 2 Funding Categories

Afterschool Programs

Learning Loss

Total Budget

\$1,125,000 (\$375,000 per semester)

Budget Includes

Funding for Spring 2021, Fall 2022, Spring 2022

Teachers @ \$30/hr

Bus Drivers/Aides @ \$15/hr and overtime, if applicable

AfterSchool / Saturday School

Targeted Population

Students who are failing one or more courses

Students who are considered At-Risk based on available data sources

“Bubble” students

Activities

Tutoring on needed content/skills

Content recovery for secondary students

As of 3.17.2021, approximately 1400 students are being served.

192 teachers providing assistance to students.

Summer Academic Recovery Programs (SARP) – All Levels

ESSER 2 Funding Categories

Summer Learning Programs

Learning Loss

Total Budget

\$9,810,000

Budget Includes

Funding for Summer 2021, 2022, and 2023

Supplies - \$1,000,000

Salary and Fringe for Employees Approximately \$3 million per summer

Teachers @ \$37/hr

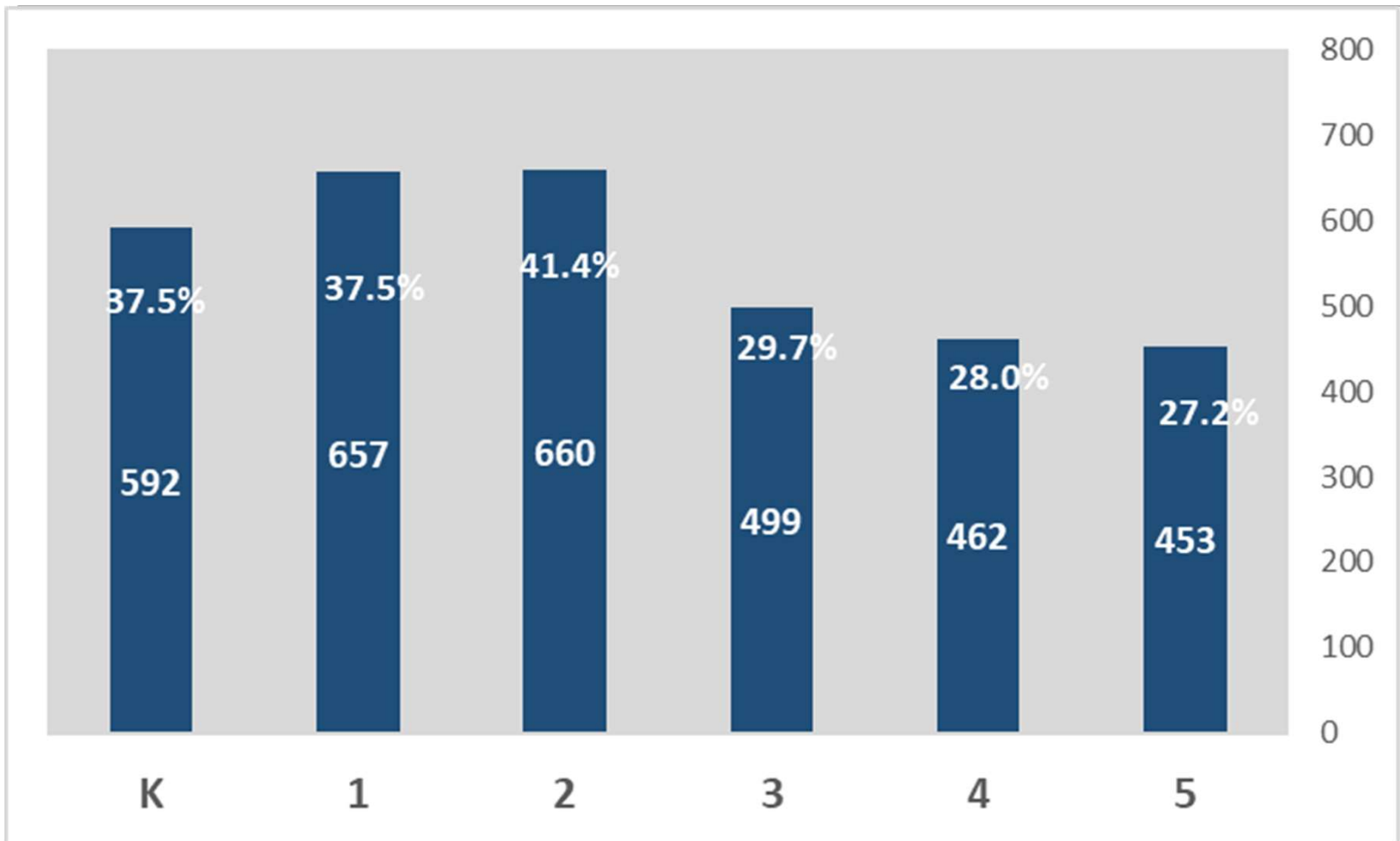
Other groups pending board approval on 3.23.2021

SARP Elementary

- June 16 – July 29, Monday through Thursday
- Third Grade Students - 358 (108 are exempt)
- Ai students = 400
- K-5 Face-to-Face Students = 2,594

Total invited to elementary summer program = 3,352

Elementary Invitations



SARP - Elementary

- Phonics and Word Study Kits - \$60,000
- Classroom Interactive Read Alouds - \$180,000
- Guided Reading Kits - \$300,000
- Reflex Math - \$141,000 for 3 summers
- Do the Math Intervention - \$75,000
- Miscellaneous supplies (crayons, journals, books, poster paper, scissors, graphing paper, flash cards, manipulatives etc.) - \$29,000

Special Education Curriculum to use in summer and during the year – \$215,000

SARP – Middle

Dates: June 16 – July 1, Monday through Thursday (full day)

Targeted Group: Students who are in jeopardy of being retained

Program focused on priority standards and content recovery in ELA, math, science, and/or social studies based on the student's need.

Middle School Jump Start Math

Dates: July 19 – 29 (3 hours)

Targeted Group: Rising 6, 7, and 8 graders who struggle in math

Program focused on math skill deficits

SARP High School

Dates: June 21 – July 22

Targeted Group: Students in 9-12 who need recover credit

Content delivered through virtual platform but teacher assistance provided on site.

High School Jump Start / Math Bridge Program

Targeted Group: Rising 9th graders identified as needing assistance in math

Dates: June 21 – July 22

High School Algebra I Recovery Program

Targeted Group: High School Students Who Have Not Passed Algebra I

Dates: June 21 – July 22

Early Reading Interventionists

ESSER 2 Funding Categories

Learning Loss

Total Budget

\$4,000,000 (funding for 2 years)

Budget Includes

Salaries and Fringe for 21 K-2 Reading Interventionists

Training for Interventionists during the summer and ongoing support during the year

TBD Early Learning Intervention Program for K-2 - \$500,000*

*This amount is included in the \$2,000,000 request for Instruction rather than in this activity.

Additional Instructional Materials and Supplies

Computer-Assisted Instruction Initial Cost for grades 4K-8 – \$450,000

- Currently, a CAI Task Force is reviewing programs to supplement core instruction and to fill gaps in student skills
- Standards-based
- Diagnostic and Prescriptive

Social / Emotional Support - \$75,000

- High School Screener and social/emotional learning software

Credit Recovery Software for High School Credit Courses - \$50,000

- Additional APEX licenses, Edmentum high school credit courses, ALEKS -

Additional Instructional Programs and Supplies

- Expansion of Classroom Libraries (Access to texts) - \$290,000
- Learning A – Z (Digital texts) - \$300,000
- Quill Software for middle and high school ELA classrooms - \$75,000
- Social Studies Weekly for Summer 2021 and 2021-2022 - \$125,000
- Science Equipment - \$30,000
- AP Course Writing / Grading Software (Marco Learning)- \$30,000
- BrainPop video lessons - \$75,000

Additional Requests

Funding to pay kindergarten teachers to administer KRA prior to the start of school. \$40,000

This would take place during the week of August 2nd.

QUESTIONS & COMMENTS



AIKEN COUNTY
PUBLIC SCHOOLS

