



Abington Heights School District

200 East Grove Street, Clarks Summit, PA 18411 Phone: 570-585-8252

May 2023

Hello Abington Heights Current Grade 4 and 5 Families,

Our school community is fortunate to have families who are engaged in their student's education and supporting their academic journey. To help sustain and continue your student's growth in Reading and Math over the course of the summer, we are providing families with some suggested opportunities to share in the learning adventure.

Attached you will find suggested activities that will promote literacy and mathematics. We hope that you enjoy these experiences with your students!

- ★ Summer Reading
- ★ Summer Doing Math

Should you have any questions, concerns, or thoughts, please reach out to your building principal. We look forward to welcoming your students to the 2023 - 2024 school year on Thursday, September 7, 2023.

With appreciation,

Dr. Maggie Vitale

Maggie Vitale, Ed.D

Assistant Superintendent



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Dear Parents of Current Abington Heights 5th Grade Students,

Your child has made wonderful progress this school year in reading. We would like to support you as a family to keep that positive momentum moving forward. We feel that summer reading assignments help to promote learning and continue to build students' reading stamina.

For current grade 5 students, their summer reading project will be as follows:

- Students may choose a book of their choice based on their interest and / or reading level.
- Students will read this book over the course of the summer.
- Students will complete a reading journal for submission on the first day of our upcoming 2022 - 2023 school year. Attached, you will find the reading responses expectations. We would like students to complete five reading responses for the book of their choosing.

We would like to offer some suggestions:

- The Abington Community Library is prepared to assist in book selection, if families would like to make use of this great community resource.
- Book selection is incredibly important. Please choose a book that is engaging and age-appropriate for your child. We have included a Summer Reading brochure from the Association for Library Service to Children. These are just suggestions based on your child's grade.
- Consider having students read together as an informal book club to promote learning and collaborative reading.

Should you have any questions, please do not hesitate to reach out to your building principal.

Thank you,

Dr. Maggie Vitale
Assistant Superintendent

Mrs. Michelle Snyder
AHMS Principal

Mr. Thomas Evans
AHMS Assistant Principal

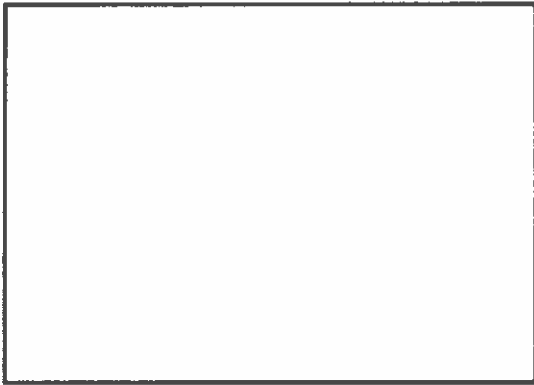
Fiction: Two Options

Name text here

My Book Review

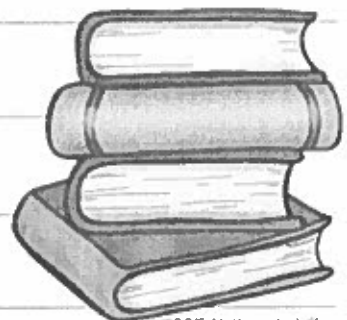
Would you recommend this book? Write about the book, and explain why you like or dislike it. Include a title, picture, and text.

text here



text here

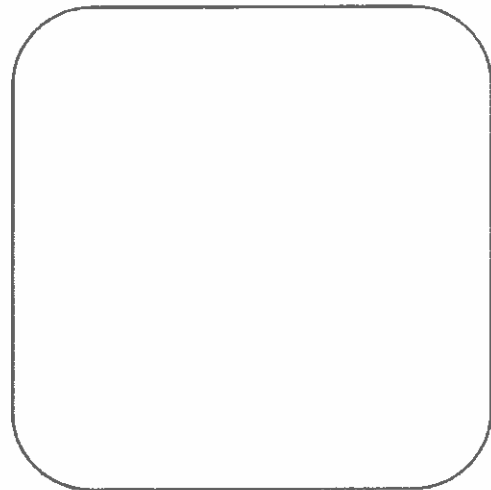
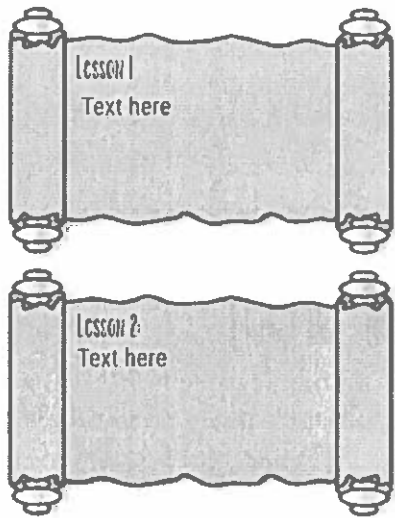
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Name Text here

Theme **Thoughts**

What are two morals or lessons that can be learned from the story? Write the lessons in the arrow signs below. Then, write a paragraph explaining why one of the lessons can be learned from the story. Next, write how one of the lessons can be applied to your own life. Finally, in the box below, illustrate one of the lessons that you wrote about.



Explanation:

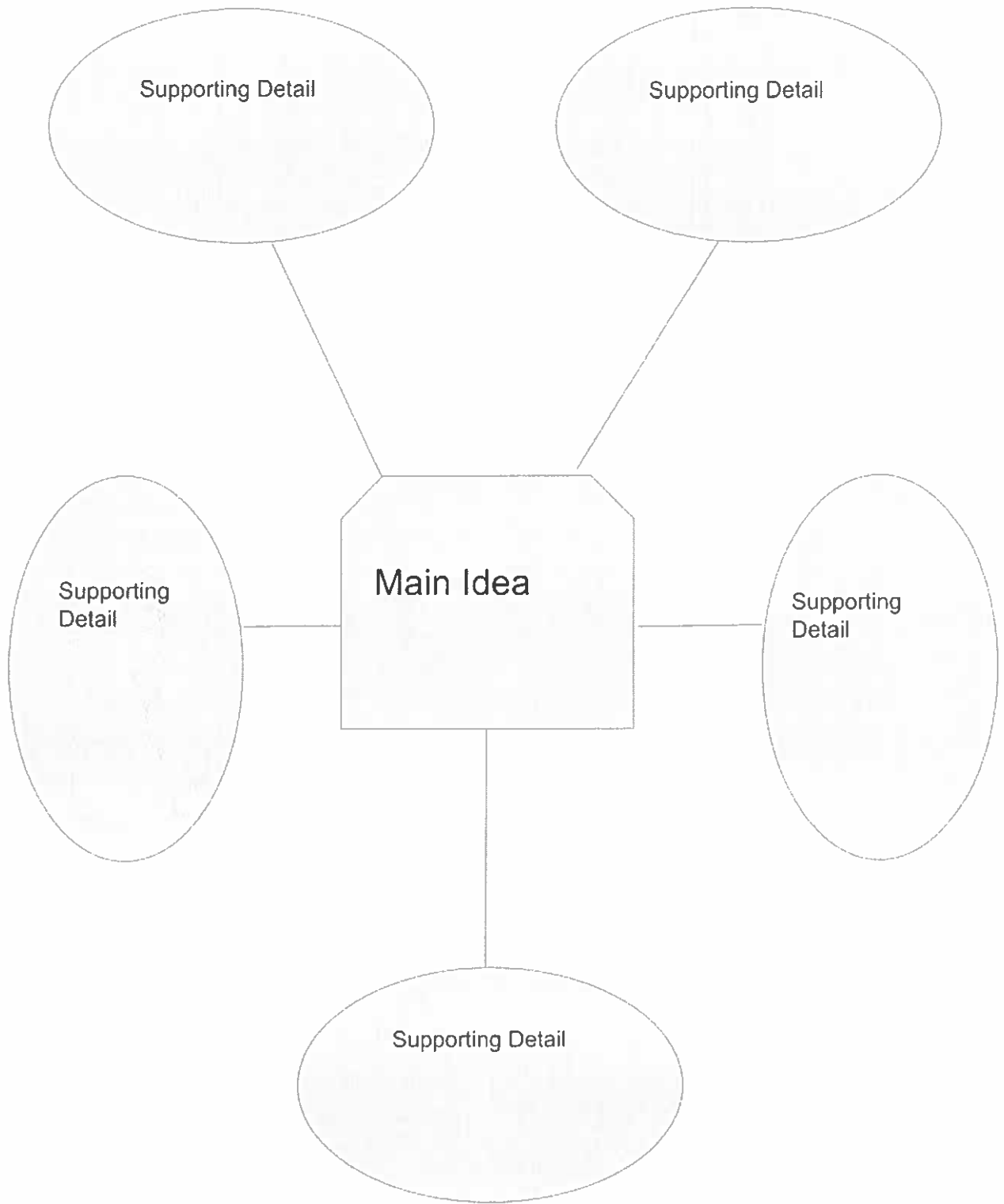
Text here

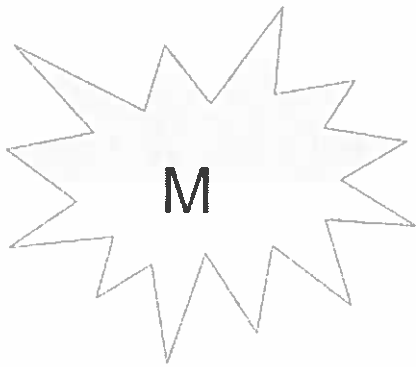
How it applies to me:

Text here

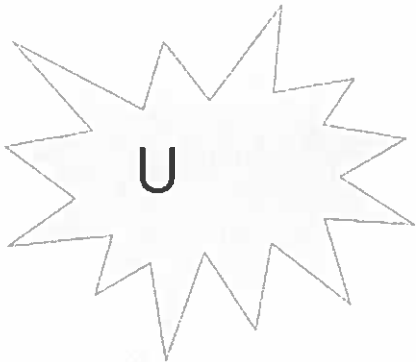
Non-Fiction Two Options

Non-Fiction
Two Options

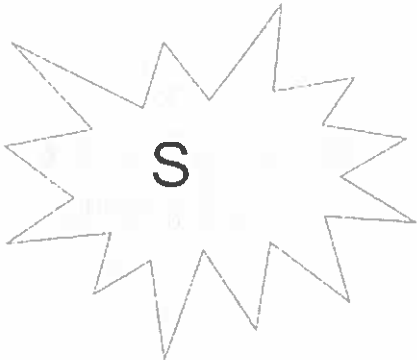




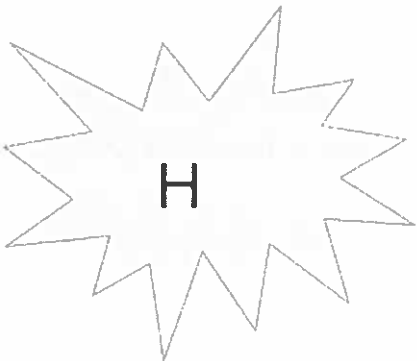
Main Idea:



Uncover the purpose: Why did author write the book? _____

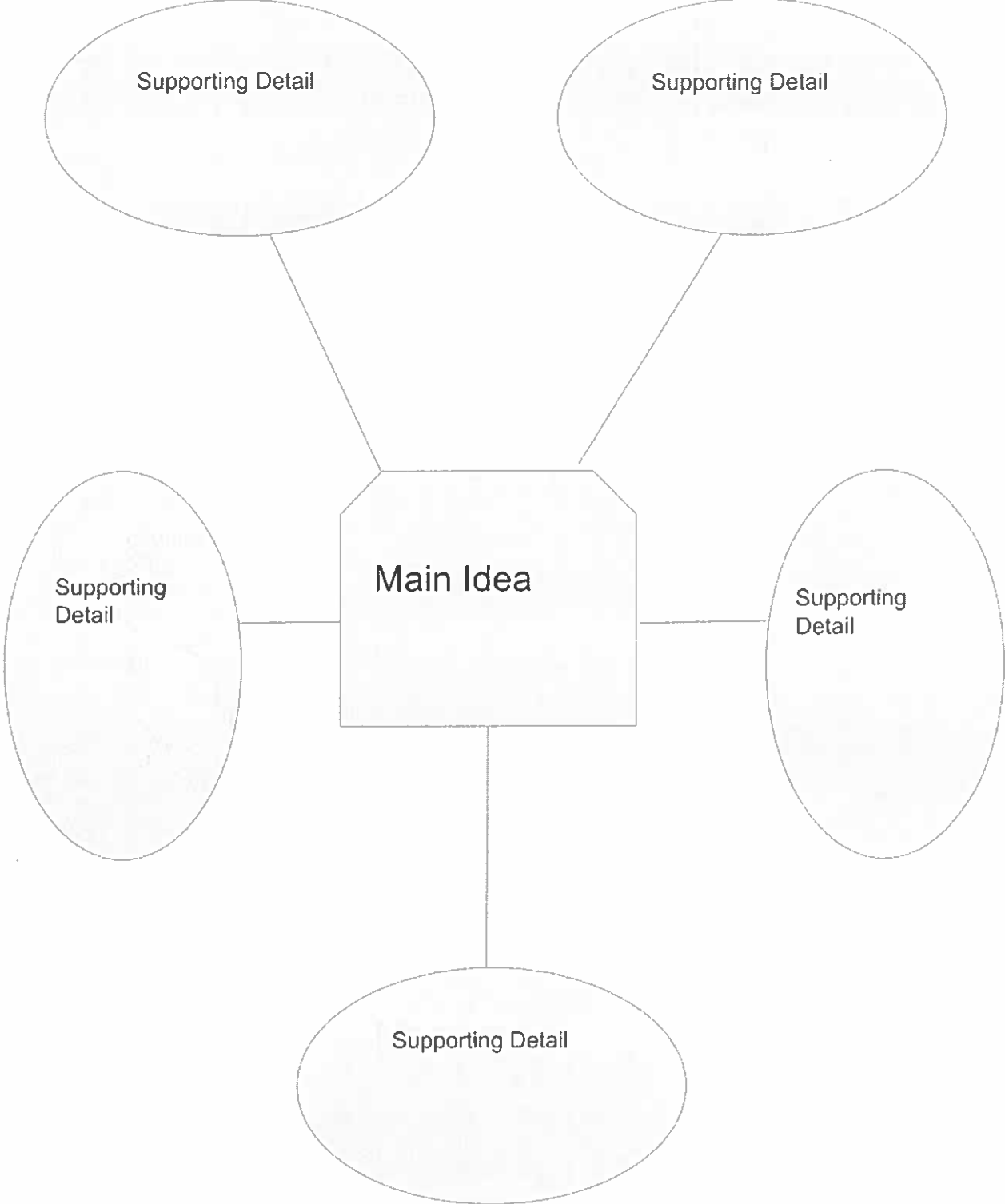


What is the text structure? Use this to help you retell. _____



Helps: What text features (headings, illustrations) helps you understand.

Non Fiction Options





End of 5th Grade Math Suggested Summer Fun

Do Anytime Activities

Mathematics concepts are more meaningful and easier to understand when they are rooted in real-life situations. To help your child review some of the concepts learned in fifth grade, the following activities are suggested for you and your child to do together over vacation. Doing so will help your child maintain and build on the skills learned this year and help in preparation for sixth grade mathematics.

1. Have your child solve addition, subtraction, multiplication, or division problems that are based on real-life situations. Vary the problems so that some are suitable for mental computation and some require paper-and-pencil calculation. Include problems that involve whole numbers, decimals, fractions, and mixed numbers.
2. Have your child look for patterns in the real world and describe them. For example, your child might notice that when there is more water in a pot, the water will take longer to boil or that when you buy a package that has twice as many batteries as another, the price will not necessarily double. Ask your child to predict whether the patterns he or she has noticed will always hold true and to explain his or her thinking.
3. Ask your child to help you figure out what measurements need to be made to solve a problem or make a decision. For example, if you are buying a new couch, do you need to think about the length, area, or volume of the couch? What decision would each measurement help you make?



4. Have your child identify interesting or surprising numbers in the news, advertisements, or other print or online media. Encourage him or her to consider what numbers represent in different units. For example, if an insurance company advertises a premium of just \$1.50 a day, how much money is that per week? Per month? Per year?

5. Have your child collect data about activities that he or she does regularly. For example, your child could keep track of the number of baskets made in a game of basketball or record the number of pages read in a given amount of time. Talk about the data with your child to see if any patterns or trends emerge.

6. Have your child help with cooking, especially when you want to double or halve a recipe. Ask your child to help you measure the correct amount of ingredients and explain his or her thinking with questions like: How did you figure out how to double $\frac{3}{4}$? How did you find $\frac{1}{2}$ of $2\frac{1}{4}$?



Looking ahead: 6th Grade Math

Next year your child will...

The Number System	Ratios & Proportional Relationships	Expressions and Equations	Geometry	Statistics and Probability
<ul style="list-style-type: none"> <input type="checkbox"/> Divide fractions by fractions <input type="checkbox"/> Fluently add, subtract, multiply, and divide with whole numbers and decimals (through thousandths) <input type="checkbox"/> Find greatest common factor and least common multiple <input type="checkbox"/> Understand that positive and negative numbers are used together to describe quantities having opposite directions or values <input type="checkbox"/> Find and position integers and rational numbers/pairs of numbers on a number line/coordinate plane <input type="checkbox"/> Solve real-world and mathematical problems by graphing points in all four quadrants of the coordinate plane including use of coordinates and absolute value to find distances between points with the same first coordinate or the same second coordinate. 	<ul style="list-style-type: none"> <input type="checkbox"/> Apply and extend previous understanding of numbers to system of rational numbers <input type="checkbox"/> Understand ratio concepts and use ratio reasoning to solve problems <input type="checkbox"/> Understand unit rate <input type="checkbox"/> Explore and create equivalent ratios <input type="checkbox"/> Find a percent of a quantity as a rate per 100 <input type="checkbox"/> Use ratio reasoning to convert measurement units 	<ul style="list-style-type: none"> <input type="checkbox"/> Apply and extend previous understanding of arithmetic to algebraic expressions <input type="checkbox"/> Write and evaluate numerical expressions involving whole-number exponents <input type="checkbox"/> Write, read, and evaluate expressions in which letters stand for numbers <input type="checkbox"/> Apply the distributive property to expressions <input type="checkbox"/> Apply order of operations <input type="checkbox"/> Apply properties of operations to produce equivalent expressions <input type="checkbox"/> Write and graph an inequality in the form $x > c$ or $x < c$ and $x + c > a$ or $x + c < a$ and recognize that inequalities have infinitely many solutions <input type="checkbox"/> Represent and analyze quantitative relationships between dependent and independent variables by writing and solving equations in the form $x + p = q$ and $px = q$ 	<ul style="list-style-type: none"> <input type="checkbox"/> Find area of triangles, special quadrilaterals, and polygons by composing into rectangles or decomposing into triangles and other shapes <input type="checkbox"/> Apply the formulas $V = lwh$ and $V = Bh$ to find volumes of right rectangular prisms with fractional edge lengths in the context of solving real-world problems <input type="checkbox"/> Draw polygons in coordinate plane, using coordinates to find side lengths with the same first or second coordinate <input type="checkbox"/> Represent three-dimensional figures using nets of rectangles and triangles and find surface area of triangular and rectangular prisms 	<ul style="list-style-type: none"> <input type="checkbox"/> Develop understanding of statistical variability <input type="checkbox"/> Summarize and describe distributions and numerical data sets in plots on a number line, including line plots, histograms, and box-and-whisker plots <input type="checkbox"/> Interpret data through measures of central tendency (mean, median, mode) and variability (range, interquartile range, mean absolute deviation) and describe the overall pattern and any deviations