

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Middle School Outline Template for Book Report --- MRS. STANSFIELD

- This template will map out the information you need to include in your book report. As you read the book, fill in the sections for this template. You will receive a grade for this template and for the report (see points next to each item). You are competing this for 1 of the books you read this summer.
- When you go to write your book report, be sure to include the information completed on the following pages. The final report can be typed or neatly hand-written. Be sure to hand into your English teacher both this template and the book report when you return to school.

Introductory paragraph - What is the name and author of the book on which you are choosing to write? (2 pts.)

Book title: \_\_\_\_\_

Author: \_\_\_\_\_

Write at least 3 facts about the author (Where is he/she from? What kinds of books does he/she write? About what topics does he/she write?) (3 pts.)

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2nd paragraph

Write 1-2 sentences that give a brief summary of the book (ex: Loser is the story of Donald Zinkoff, a student who struggles to stand strong even though he is constantly teased by his classmates.

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Write 2-3 sentences that describe the setting of the book (Where and when does the story take place? How is the setting significant to the story?)( 8 pts)

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3rd paragraph

Write a topic sentence about the major characters of the book (ex: There are several main characters involved in the book The Giver) (8 pts.)

Describe the main characters in the book in the 2nd paragraph (you may have 2, 3, 4, 5 or more important characters). Include characteristics of the characters that are important to the story.

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4th paragraph

Write a topic sentence about the main events that occur in the book (ex: There are several main events that happen in the story of The Giver) (10 pts.)

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Include the main events of the book in the 4th paragraph:

First, \_\_\_\_\_

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Next, \_\_\_\_\_

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Then, \_\_\_\_\_

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Finally, \_\_\_\_\_

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The 5th paragraph will discuss a section of the book you found to be most interesting. Start out this paragraph with the following quote. "The part of the book I found to be most interesting is around page \_\_\_\_\_, when . . . ." (jot down some of the interesting details here) (4 pts.) Give at least 2 reasons why this part is interesting to you:

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The 6th paragraph will tell why you liked or disliked the book The topic sentence should include whether you liked or disliked the book.

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Include 3-4 sentences that tell why you liked, or disliked or the book. (6 pts.)

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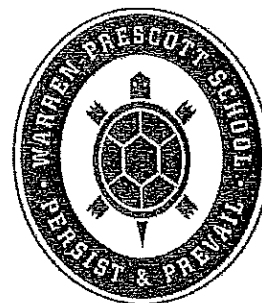
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# Ordering Uniforms

We will continue to use our online store to order uniforms all year long. These are the same, high-quality uniforms that we have been selling at school the past couple years and we are thrilled to have this platform for ordering! We will have all of our essential uniform items throughout the year as well as periods where we sell long-sleeved t-shirts/polos and WP hats! As always, patches will continue to be sold at school and Charlestown Ace Hardware. Additionally, you can continue to order uniforms online through Lands End.



## **T-Shirts \$8.00**

These t-shirts are available for purchase to wear on PE day only. These are high-quality navy, cotton t-shirts with our logo screen-printed across the chest.

## **Light/Jersey Polo \$14.00**

These are a lighter option to the traditional polo. With our logo screen printed on the left chest, they look crisp and professional. We know it gets hot in our building and these are a great way to stay a little cooler while still looking our best!

## **Heavy Embroidered Polo \$18.00**

These are high-quality traditional polo shirts with our logo embroidered on the left chest. A bit thicker than the Jersey Polo, these shirts are great for the whole year!

## **Crewneck Sweatshirts \$20.00**

We have taken feedback from many families into consideration and have decided to allow the crewneck sweatshirts to be worn on all school days, not just P.E. days. Please note, when wearing this sweatshirt on non-P.E. days, collars from polo shirts should be visible at the neck of the sweatshirt. Navy blue or white long-sleeved shirts can also be worn underneath polo shirts during the colder months.

## **HOW TO ORDER FROM OUR ONLINE STORE:**

- VISIT our school store website, [www.WPschoolstore.com](http://www.WPschoolstore.com) at any time throughout the summer or school year
- Choose the item(s) you would like to purchase and add them to your cart
- During checkout, you may use major credit cards or PayPal to purchase your items
- For your convenience, items may be shipped directly to your home or picked up at the College Hype store in Dorchester
- If you are having trouble with the website, you can contact Kathleen at College Hype (617)282-8883 or [kathleen@collegehype.net](mailto:kathleen@collegehype.net)

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To order online through Lands End, you will need our school number: 900102716

## Grade 7 Learning Goals

- \*In grade seven, students will further develop their understanding of rates and ratios, using tables, graphs, and equations to solve real-world problems involving proportional relationships. Students will also work on quickly and accurately solving multi-step problems involving positive and negative rational numbers—any number that can be made by dividing one integer by another, such as  $\frac{1}{2}$ , 0.75, or 2. Additionally, students will expand their knowledge of geometry and apply the properties of operations to solve real world problems involving the measurement of multi-dimensional objects. Activities in these areas will include:
- Determining whether two quantities are in a proportional relationship and using knowledge of rates, ratios, proportions, and percentages to solve multi-step problems
  - Identifying the unit rate of change (the constant rate at which the value of a variable changes) in tables, graphs, equations, and verbal descriptions
  - Calculating the unit rates associated with ratios of fractions, including quantities measured in different units (for example, the ratio of  $\frac{1}{2}$  a mile for every  $\frac{1}{4}$  of an hour means that you travel 2 miles in an hour)
  - Solving problems using equations to find the value of one missing variable
  - Applying the properties of operations to generate equivalent mathematical expressions
  - Solving multi-step word problems by adding, subtracting, multiplying, and dividing positive and negative rational numbers in any form (including whole numbers, fractions, or decimals)
  - Understanding that numbers cannot be divided by 0
  - Converting rational numbers to decimals using long division
  - Describing situations in which positive and negative quantities combine to make 0
  - Finding the area of two-dimensional objects and the volume and surface area of three-dimensional objects

## Looking Ahead to Eighth Grade

- \*In grade eight, students take their understanding of unit rates and proportional relationships to a new level, connecting these concepts to points on a line and ultimately using them to solve linear equations that require them to apply algebraic reasoning as well as knowledge of the properties of operations. Students will also expand their understanding of numbers beyond rational numbers to include numbers that are irrational—meaning that they cannot be written as a simple fraction, such as the square root of 2. Activities in these areas will include:
- Understanding that every rational number (such as  $\frac{1}{2}$ , 0.3, 2, or -2) can be written as a decimal, but that the decimal form of an irrational number (such as  $\sqrt{2}$ ) is both non-repeating and infinite
  - Applying the properties of exponents to generate equivalent numerical expressions
  - Determining the value of square roots of small perfect squares (such as  $\sqrt{49} = 7$ ) and cube roots of small perfect cubes (such as  $\sqrt[3]{64} = 4$ )
  - Graphing proportional relationships and interpreting the unit rate as the slope (how steep or flat a line is)
  - Solving and graphing one- and two-variable linear equations
  - Understanding that a function is a rule that assigns to each value of  $x$  exactly one value of  $y$ , such as  $y=2x$ , a rule that would yield such ordered pairs as (-2,-4), (3,6), and (4,8)
  - Comparing the properties of two functions represented in different ways (in a table, graph, equation, or description)
  - Determining congruence (when shapes are of equal size and shape) and similarity (same shape but different sizes)
  - Learning and applying the Pythagorean Theorem (an equation relating the lengths of the sides of a right triangle:  $a^2 + b^2 = c^2$ )
  - Solving problems involving the volume of cylinders, cones, and spheres

\*Adapted from *Parent Roadmaps* by Council for Great City Schools

Boston Public Schools Summer 2019

## Summer Math Learning Packet Students Entering Grade 8

Discover mathematics all around you this summer!!! Just as with reading, regular practice over the summer with problem solving, computation, and math facts will maintain and strengthen the mathematical gains you made over the school year.

Attached to this letter, you will find creative mathematics activities to explore at home. The goal is for you to have fun thinking and working collaboratively to communicate mathematical ideas. While you are working, ask how the solution was found and why a particular strategy was chosen.

The Summer Math Learning Packet consists of 2 calendar pages, one for July and one for August, as well as directions for math games to be played at home. Literature and websites are also recommended to explore mathematics in new ways. We encourage you to complete at least 15 math days each month. Keep track of your math in a journal.

Fun math books to read	Fun websites to explore
<i>Evil Genius</i> by Catherine Jinks	<a href="http://www.k1.com/">http://www.k1.com/</a>
<i>Forever Changes</i> by Brendan Hatpin	<a href="http://www.figurethis.org/index.html">http://www.figurethis.org/index.html</a>
<i>Geek Abroad</i> by Piper Banks	<a href="http://nich.maths.org/frontpage">http://nich.maths.org/frontpage</a>
<i>All of the Above</i> by Shelley Peersall	<a href="http://www.khanacademy.org/">http://www.khanacademy.org/</a>
<i>Hannah Divided</i> by Adele Griffin	<a href="http://mathforum.org/index.html">http://mathforum.org/index.html</a>
<i>A Higher Geometry</i> by Sharlette Byars Moranville	<a href="http://www.coolmath4kids.com/">http://www.coolmath4kids.com/</a>
<i>Guinness Book of Records</i> by Time Inc	<a href="http://www.thinkingblocks.com/">http://www.thinkingblocks.com/</a>
<i>Mathematicians are People Too</i> by Luetta Reimer & Wilber Reimer	<a href="http://mathplayground.com/">http://mathplayground.com/</a>
	<a href="http://illuminations.nctm.org/activitysearch.aspx">http://illuminations.nctm.org/activitysearch.aspx</a>

### Student Accountability

The intention is that your child spends at least 10 minutes a day, 4 to 5 times a week, practicing math. Your child should aim to complete at least 250 minutes of math practice over the course of the summer. When your child has completed the math requirements, please sign and return this paper to the sixth grade teacher with his/her journal.

Parent's signature \_\_\_\_\_

Date \_\_\_\_\_

## Grade 8 Summer Math Ideas

**DIRECTIONS:** Do your best to complete as many of these summer math activities as you can! Record your work in your math journal every day. In September, share your Math Journal with your eighth grade teacher.

### Each journal entry should

- Have the date of the entry
- Have a clear and complete answer
- Be neat and organized

### Math Tools You'll Need:

- Notebook for math journal
- Pencil
- Crayons
- Regular deck of playing cards
- Coins
- Dice

### Here is an example of a "Great" journal entry:

July 23<sup>rd</sup>

Today's number is 144.

$$12 \times 12 = 24 \times 6 = 48 \times 3$$

$$1440 \div 10 = 144$$

$$143 + 1 = 121 + 23$$

Games to play: Checkers, Othello, Memory, Set, Jigsaw puzzles, Parcheesi, Crazy Eights, Connect Four, Legos, etc.

# July

# Entering Eighth Grade Mathematics Calendar

Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1	2	3	4	5	6
	7	8	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

There are three choices of jellybeans: grape, cherry and orange. If the probability of getting a grape is  $\frac{3}{10}$  and the probability of getting cherry is  $\frac{1}{5}$ , what is the probability of getting orange?

Look up a math topic and read about the history. Who discovered it? How was it used? Ex. pi, gallons, metric...

Games Unlimited buys video games for \$10. The store increases the price 300%. What is the price of the video game?

The pages of a book are numbered consecutively from 1 to 275. How many times is the digit 8 used in numbering the pages?

Two adjacent angles are complementary. True or false?

Twice a number (n) minus nine is ninety-five. Find the number (n).

Joe has an 80:1 scaledrawing of the floor plan of his house. On the floor plan, the dimensions of his rectangular living room are  $1\frac{7}{8}$  inches by  $2\frac{1}{2}$  inches. What is the area of living room in square feet?

Gather data on how long it takes to fully charge your phone/a family member's phone. Determine an estimate for the rate at which the phone charges in %/min.

Add:  $2 + (-3) =$   
 $(-2) + (-3) =$   
 $(-2) + 3 =$

Make a paper airplane and fly it several times. Find the mean, median, and mode of the distance your plane can fly

Try a new activity at <http://www.coolmath4kids.com/> Challenge yourself. What did you choose to do?

Write an expression for the sequence of operations. Add 3 to x, subtract the result from 1, then double what you have.

Using a grocery store receipt, figure what percentage of the bill was spent on vegetables, meat, drinks, junk food ...

A circle has a circumference of  $28\pi$  centimeters (cm). What is the area, in cm, of this circle? Show all work necessary to justify your response.

On May 1st, Jay's mom gives him 1 cent. Each day, she pays double the amount she paid the day before. How much money did Jay get in total by May 15?

A menu has these options for sandwiches: 3 types of bread, 4 meat choices, 5 topping choices. How many possible sandwiches can be made? Can you create a different menu with the same outcome?

Visit the website <http://nlvm.usu.edu/en/nav/vlibrary.html>. Challenge yourself with fun activities! List them.

Can a triangle have more than one obtuse angle? Will three sides of any length create a triangle?

Mia's cell phone plan: \$15 a month plus free texts plus \$2.50 per GB of high-speed data. Mia used 3.8 GB and sent 110 texts. How much does she have to pay?

Solve:  
 $45 \div (-9) - (-105) \div (-15) =$

If the product of 6 integers is negative, at most how many of the integers can be negative?

Describe situations in which opposite quantities combine to make 0.

In the following equation, a and b are both integers, find their value:  $a(3x - 8) = b - 18x$

# August

# Entering Eighth Grade Mathematics Calendar

Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1	2	3
				Choose a favorite professional athlete and research his/her annual salary. How much does s/he earn in a month? A day?	Choose an activity at Math Illuminations <a href="http://illuminations.nctm.org/activitysearch.aspx">http://illuminations.nctm.org/activitysearch.aspx</a> Record what you did.	
4	5	6	7	8	9	10
Using a receipt, find the mean, median, and mode of the prices of the items on the receipt from a store (grocery, clothing ...)		Solve: $3w + 2 = 20$ Can you write a real world problem that this equation represents?	Clara has a bag containing 8 red sweets, 9 yellow ones and 11 green. She takes out a sweet and eats it, then, she takes out a second sweet. What is the probability that both the sweets are red?	Visit the website: <a href="http://nrich.maths.org/secondarylower">http://nrich.maths.org/secondarylower</a> and play a game with positive & negative integers.	Play a strategy game. Ex. Monopoly, Parcheesi, Mancala, Connect Four ... What strategy did you use?	
11	12	13	14	15	16	17
Look up a famous math person and read about him/her. What did s/he discovered? How was it used? Ex. Fibonacci, Pythagoras ...		Play Sudoku from the newspaper How did logic help you to solve the puzzle?	Visit the website Figure this and look for a real life math challenge. <a href="http://www.figurethis.org/index.html">http://www.figurethis.org/index.html</a>	George's weekly pay rate is \$455 per week. He receives a 20% raise. What is his new weekly wage rate	$m\angle A = 13$ degrees and $m\angle B = 77$ degrees. Are the angles complementary?	
18	19	20	21	22	23	24
visit the website: <a href="http://nrich.maths.org/5864">http://nrich.maths.org/5864</a> and play Connect Three with positive & negative integers..		Calculate: $7 \times 8 =$ $(-7) \times 8 =$ $(-7) \times (-8) =$	Find the area of a circle if the diameter is 20 feet.	Dave buys 2 pineapples and some bananas. One pineapple is \$2.99. Bananas are \$0.67 per lb. He wants to spend less than \$10.00. Write an inequality that represents the number of pounds of bananas, b, he can buy.	Dan's salary is \$70 less than Sam's, whose weekly salary is \$50 more than Jen's. If Jen earns \$280 per week, how much money does Dan earn per week?	
25	26	27	28	29	30	31
33.3% is the answer. What could the question possibly be? Challenge yourself to think of more questions.		Which is a better price? Why? a. 15oz. for \$1.79 b. 12 oz. for \$1.49	Rick is driving to his friend's house. The speed limit is 35mph, but he goes 10 over. The trip takes him 20 minutes. How much longer would the trip have taken him if he drove the speed limit?	Go to the website: <a href="http://nrich.maths.org/public/leg.php?code=71&amp;cl=3&amp;clcm_pid=5864">http://nrich.maths.org/public/leg.php?code=71&amp;cl=3&amp;clcm_pid=5864</a> and use reasoning and proof to solve the problems.	YOU DID IT! Please bring your journal to your eighth grade teacher on the first day of school!	



# My Summer Math Journal

Name: \_\_\_\_\_

Please decorate the cover of your journal with drawings or images that reflect you.

July recording sheet

Monday	Tuesday	Wednesday	Thursday	Friday
1	2	3	4	5
8	9	10	11	12
15	16	17	18	19
22	23	24	25	26
29	30	31		

August recording sheet

Monday	Tuesday	Wednesday	Thursday	Friday
			1	2
5	6	7	8	9
12	13	14	15	16
19	20	21	22	23
26	27	28	29	30