

June 14, 2022

Dear Incoming 5th Graders,

Welcome to 5th grade! We are so excited to learn with you next school year. This packet is your guide to preparing for a successful year, so please read through each part carefully and contact the school with any questions you have.

Supplies:

On the back of this page, you will find a supply list that you will need to get before school begins in August. The best time to buy school supplies will be in early August. Look for sales, and stock up if you can; you will need to replenish supplies as they run out throughout the school year. You will need all supplies on the first day of school: August 22, 2022.

School Fees:

School fees are to be enclosed in an envelope labeled with your full name and the amount enclosed. Give it to your teacher on your first day of school: 8/22/22.

Printable Summer Enrichment Work can be found at this link:

<https://bit.ly/Haines5thSummerHW>

1. Reading:

- a. Please read 2 age-appropriate books with a variety of different genres.
- b. Fill out the book report forms provided for you.

2. Math:

- a. Complete the problem set. Show and explain your thinking clearly.
- b. Spend some time on Dreambox to practice and build your math skills.

3. Science:

- a. Review Science/Health, Technology, Engineering, Mathematics (S.T.E.M.)-related news from any credible and reliable sources.
- b. Choose at least one STEM-related 2021 summer news article to share in the first week of the school year 2022-2023.

4. Social Studies:

- a. Earn a bingo by completing a row, column, or diagonal of activities on the board!

We will collect summer enrichment work on the first day of school, August 22, 2022.

Have a safe and fun summer, and get ready for a great year!

Sincerely,
5th grade teachers

John C. Haines School 5th Grade Supply List 2022-2023

Dear 5th Grade Families:

Welcome to a new school year! We hope that you have a wonderful summer break and come back prepared for an exciting and challenging year! To ensure that you are equipped for a successful year, please arrive on the first day of school, Monday, August 22, 2022, with **ALL** of the following supplies and mandatory fees.

<p style="text-align: center;">General Supplies – Bring to ALL Classes Daily</p> <p>Students should carry these supplies to every class in one cloth, zippered bag. You will need to replenish as needed!</p> <ul style="list-style-type: none"> ● plenty of black pens ● plenty of #2 pencils ● personal pencil sharpener with attached canister ● highlighter ● glue stick ● transparent tape ● personal stapler with staples ● Sharpie (fine tip and regular tip) ● scissors <p>To Keep in Locker:</p> <ul style="list-style-type: none"> ● combination lock (NO KEY LOCKS) ● 5 packs of college-ruled loose leaf paper ● index cards ● colored pencils ● markers (fine and regular tip) ● 2 packs sticky notes 	<p style="text-align: center;">Subject-Specific Materials Needed Daily</p> <p style="text-align: center;">Reading - Red</p> <ul style="list-style-type: none"> ● red composition notebook (NOT spiral) ● 1 red two-pocket folder ● Chicago Public Library card (up to date) <p style="text-align: center;">Writing - Green</p> <ul style="list-style-type: none"> ● green composition notebook (NOT spiral) ● 1 green two-pocket folder <p style="text-align: center;">Math – Yellow</p> <ul style="list-style-type: none"> ● QUAD RULED composition notebook (NOT spiral) ● 1 yellow two-pocket folder ● 2 dry erase markers and an eraser or cloth ruler (cm/in) <p style="text-align: center;">Science – Black</p> <ul style="list-style-type: none"> ● 1 black composition notebook (NOT spiral) ● 1 black two-pocket folder <p style="text-align: center;">Social Science – Blue</p> <ul style="list-style-type: none"> ● 1 blue two-pocket folder ● 1 blue composition notebook (NOT spiral)
<p style="text-align: center;">Community Supplies for the Classroom</p> <ul style="list-style-type: none"> ● 1 box of tissue ● 1 roll of paper towels ● 2 containers of Clorox or Lysol wipes ● 1 pump antibacterial hand sanitizer (8 oz or larger) ● 1 pack of copy paper (500 sheets) 	<p style="text-align: center;">2022-2023 Mandatory Fees</p> <p>SCHOOL ACTIVITY FEE of \$70 (To cover the following: book fee, class magazines, technology supports & enhancements, school wide activities and special events) will need to be paid during the first week of school.</p>
<p style="text-align: center;">Ancillary Classes</p> <p>PE/Health:</p> <ul style="list-style-type: none"> ● Haines gym shirt ● soft/flexible pants ● gym shoes ● Optional: water bottle <p>Art:</p> <ul style="list-style-type: none"> ● Spiral-bound sketchbook <p>Mandarin:</p> <ul style="list-style-type: none"> ● 1 Pocket folder and loose-leaf paper <p>Music:</p> <ul style="list-style-type: none"> ● None 	<p style="text-align: center;">Access to Technology</p> <p>It is essential that students have daily, reliable access to a working computer with internet and a working printer. If these are not available in the home, please check the Chicago Public Library website for your branch location.</p>

Enjoy your summer break! We look forward to an exciting and productive year of learning with you!

Sincerely,
The Haines School 5th grade team

Name _____ Room: _____ Date _____

Book Report Form – (Quarter 1 2 3 4)

Title of the book: _____
Author: _____
Genre: _____
Setting: _____
Main Characters: _____

Main Idea/ Theme:

Supporting Details (#1) - Quote accurately from the text. Include page numbers:

Supporting Details (#2) – Quote accurately from the text. Include page numbers:

Summary:

Evaluation: What is your opinion of the book? Would you recommend the book? Why or why not?

Name _____ Room: _____ Date _____

Book Report Form – (Quarter 1 2 3 4)

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Setting: _____
Main Characters: _____

Main Idea/ Theme:

Supporting Details (#1) - Quote accurately from the text. Include page numbers:

Supporting Details (#2) – Quote accurately from the text. Include page numbers:

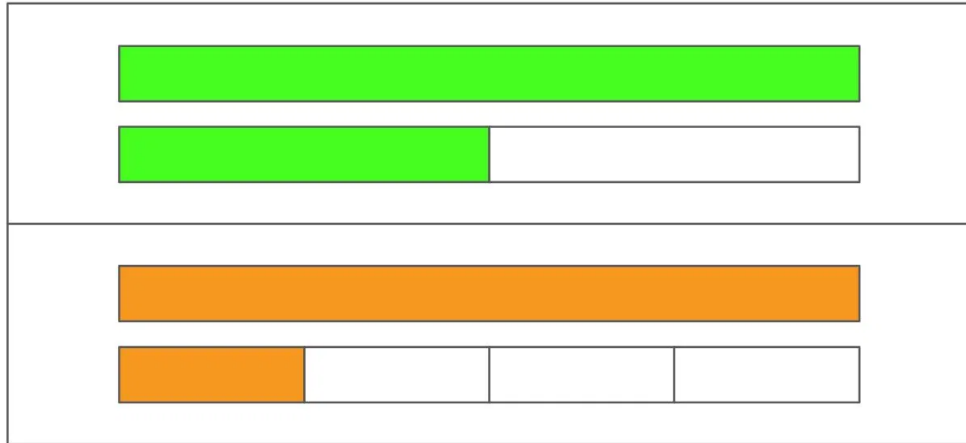
Summary:

Evaluation: What is your opinion of the book? Would you recommend the book? Why or why not?

5th Grade Summer Enrichment Math Problem Set

Directions: Complete the following problems. Show and explain your thinking clearly.

- Look at the two images below. Tell me 2 things that are the same about them, and 2 things that are different. Label your ideas around the image.



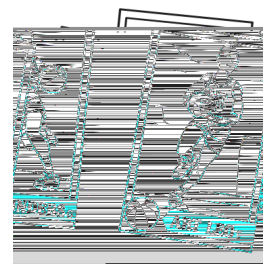
- Solve these problems in your head. Fill in the blanks.

$\begin{array}{r} 10 \\ \times 3 \\ \hline \end{array}$	$\begin{array}{r} 20 \\ \times 3 \\ \hline \end{array}$	$\begin{array}{r} 30 \\ \times 3 \\ \hline \end{array}$	$\begin{array}{r} \square \\ \times 3 \\ \hline 120 \end{array}$	$\begin{array}{r} 50 \\ \times 3 \\ \hline \end{array}$	$\begin{array}{r} 60 \\ \times 3 \\ \hline \end{array}$	$\begin{array}{r} 70 \\ \times 3 \\ \hline \end{array}$
\square	\square	\square		\square	\square	\square

$\begin{array}{r} \square \\ \times \square \\ \hline 240 \end{array}$	$\begin{array}{r} 80 \\ \times \square \\ \hline \end{array}$	$\begin{array}{r} 90 \\ \times 3 \\ \hline \end{array}$	$\begin{array}{r} 100 \\ \times 3 \\ \hline \end{array}$	$\begin{array}{r} 1,000 \\ \times 3 \\ \hline \end{array}$	$\begin{array}{r} 10,000 \\ \times 3 \\ \hline \end{array}$	$\begin{array}{r} \square \\ \times 3 \\ \hline 300,000 \end{array}$	$\begin{array}{r} 1,000,000 \\ \times 3 \\ \hline \end{array}$
		\square	\square	\square	\square	\square	\square

Explain a pattern you noticed that helped you solve these in your head:

- LaToya had a large collection of basketball cards. She decided to give half of them to her friend, Erin, and a fourth of them to her brother. She still has 75 cards left. How many cards did she start with?



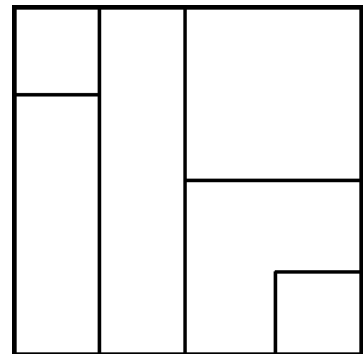
4. Did you know that there are 14 Life Saver candies in a roll of Life Savers? Fill in the blanks on the ratio table to show how many Life Savers there are in different numbers of rolls.

Number of Rolls	Number of Lifesavers
1 roll	14 Life Savers
3 rolls	
	56 Life Savers
8 rolls	
	140 Life Savers

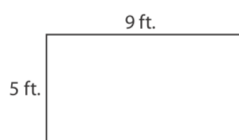
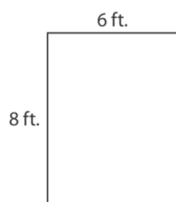


5. Solve problems A and B. You may want to use an open number line to model the problem.
- A. Anna started a race at 9:30 am. She ran for 3 hours and 47 minutes. What time did she finish her race?
- B. Michael and Tyler both ran a half marathon. Michael finished in 1 hour 42 minutes and 13 seconds. Tyler finished in 97 minutes and 49 seconds.
- Who was faster?
 - How much faster was he?
- C. Takumi ran the first mile of his race in 450 seconds. How many minutes was his first mile?

6. What fraction of the big square is represented by each region? (Do all your fractions add up to one whole?)



7. Alexandra and her dad built a deck in their backyard. It had an area of 48 square feet and a perimeter of 28 feet. Circle the drawing that shows the deck they built. Use numbers, labels, and words to explain your answer.



HAINES 5th GRADE SCIENCE SUMMER ENRICHMENT

During the summer break, review Science/Health, Technology, Engineering, Mathematics (S.T.E.M.)- related news from any credible and reliable sources such as the following:

1. **NEWSELA** - <https://newsela.com/>

- ScienceDaily®**
2. Your source for the latest research news - <http://www.sciencedaily.com/>

3. SmartNews **Smithsonian.com** - <http://www.smithsonianmag.com/science-nature/?no-ist>

4. **The New York Times** Science- <http://www.nytimes.com/pages/science/index.html>

*******Directions: Choose at least one STEM-related 2021 summer news article to share on the first week of school year 2021-2022. *******

RUBRIC

1. The STEM-related current event or news article was:
 - a) published or posted between on or before September 2021 (1 point),
 - b) from a credible and reliable source (2 points),
2. Short Summary of the article clearly but succinctly described the invention/solution to a problem OR the answer to a question about a natural phenomenon. (2 points)

Assignment Examples:

1. Scientists observed that wax worms ate through plastic bags. They wanted to know how and if that could help address plastic pollution.
<https://news.nationalgeographic.com/2017/04/wax-worms-eat-plastic-polyethylene-trash-pollution-cleanup/>
2. An associate professor was inspired by research in nature, i.e. gecko's ability to stick on vertical walls, that he developed a gecko tape <http://blogs.wgbh.org/innovation-hub/2017/7/6/what-nature-can-teach-science/>
3. A teen scientist and inventor developed a sensor that tracks wound healing. Her invention tells a caregiver when the bandage needs to be changed.
https://www.ted.com/talks/anushka_naiknaware_a_teen_scientist_s_invention_to_help_wounds_heal?utm_source=newsletter_weekly_2018-06-02&utm_campaign=newsletter_weekly&utm_medium=email&utm_content=talk_of_the_week_image
4. A student in Iceland, developed a biodegradable water bottle from algae to hopefully address plastic pollution.
<https://healthfoodsoul.com/student-just-saved-the-planet/>

5th Grade Social Studies Summer Bingo Challenge

Directions: Complete as many items as you can to learn about the world around you. You can earn a Bingo by completing a line of items horizontally, diagonally, or vertically.

Head to the Field Museum and learn about a different culture's way of life, customs, beliefs, and history.	Create a map of the neighborhood in which you live. Label the main landmarks, roads, and buildings.	Read a news article and summarize it using the 5 W's and H: Who, what, when, where, why, how?	Read a historical fiction book. How do the events in the book fit into that time period in history?	Research a historical figure (person) who inspires you. Draw them and write 5-10 facts.
Take a walk in your neighborhood and find an interesting landmark or building. Draw and describe it.	Watch the TedEd talk " Why Every World Map is Wrong " and answer the Think questions.	Make a timeline of a famous person's life. Include at least 8 important events in their life with the years labeled.	What traditions does your family practice for your favorite holiday? Why do you celebrate it?	Write a letter to President Biden explaining a change you want to make in our country and why it is needed.
Choose a family recipe to create with a family member. Why is this a special recipe for your family?	Write an Acrostic Poem about a famous person. You may choose to use their first or last name, or both!	FREE SPACE 	Choose a social studies game to play on ABCya and write down 2-3 facts you learned while playing.	Research the Nobel Peace Prize and then choose someone you believe deserves this award. Why?
Choose a PBS Kids game to play and come up with 2 questions you could research after playing.	Connect past to present: choose a historical event and explain how it is similar to a current event in the news.	Go to a different neighborhood in the city. Create a Venn diagram that compares it to your neighborhood.	Find out who our current leaders are: President Vice-President Governor Mayor	Interview an older relative or neighbor about a historical event they lived through. Describe and draw it.
Create a collage that shows your family's history. Include personal and historical events on it.	Visit a park near where you live. Find out when it was built and explain how people use it for play.	If you could have dinner with any historical figure, who would you choose, and what would you ask?	Find a quotation from a historical person that inspires you and explain why and what it means to you	Ask a family member to show you the oldest object they own and explain its significance.

