

UPCOMING 4TH GRADE SUMMER PROJECT

DUE SEPTEMBER 7TH FOR A GRADE

Congratulations: Your child is officially a member of the “upper” grades! As fourth graders, students deepen their skills in all subjects to prepare for middle school. That being said, they still learn like elementary school students do. Most fourth graders are developmentally very much still children — they enjoy and learn from play, and they thrive in nurturing and warm environments. However, the content of most 4th grade curricula pushes students to think, analyze, and learn in more sophisticated and structured ways than they did in the “lower” grades.

In 4th grade, students learn how to deeply think about and make connections in new material, and grasp more complex concepts across all subjects. They also write with clarity, flow, and structure similar to that of traditional essays. Fourth graders are encouraged to be more independent in how they learn, and depend less on their teacher's guidance. They research, plan, and revise their work more by themselves — setting the foundation to be lifelong, self-starting learners.

This summer, upcoming 4th grade students are being asked to complete a summer project that incorporates all their subject area skills they learned in 3rd grade. We worked carefully to create choice boards for each subject, that contain activities where students can apply and demonstrate their knowledge and mastery. The summer project will take time to complete. Setting a schedule or using a calendar is suggested for planning when your child will work on their summer project. You don't want to wait till school begins to get started. We are excited about starting a brand new year with your child and we look forward to meeting you all in the fall.

PROJECT SUPPLIES

-The 4th Grade Team



To keep your choice menu activities organized, divide a composition or spiral notebook into the following sections

1. Fiction
2. Non-Fiction
3. Math
4. Science

Complete your chosen activities in the corresponding section of the notebook. Label the page with the activity name/directions and the date you completed it.

UPCOMING 4TH GRADERS SHOULD KNOW

ELA

- Determine the main idea and details in a story
- Use other forms of print (newspapers, magazines, websites)
- Compare and contrast information in multiple texts and learn how to use organizational methods (Venn diagrams, maps, webs)
- Recall and retell events from a story in order
- Tell how the author uses details to support their story or text

Writing

- Use linking words (because, since, therefore, for example)
- Know how to write a story with a beginning, middle, and an end.
- Know how to revise, edit, and proofread their work
- Know how to write multiple paragraphs and cite evidence
- Know proper punctuation

Math

- Explain what multiplication and division are
- Know the times tables up to 12 and multiply numbers by 10
- Use addition, subtraction, multiplication, and division to solve word problems involving more than one step
- Understand the concept of area and how it relates to multiplication
- Understand and identify fractions as numbers that can be placed on a number line; compare two fractions (like knowing that $\frac{2}{3}$ is bigger than $\frac{3}{5}$)

Science

- Classify flowering and nonflowering plants into major groups such as those that produce seeds, or those like ferns and mosses that produce spores, according to their characteristics.
- Identify the Sun as a star that emits energy; some of it in the form of light.
- Recognize that the Sun appears large and bright because it is the closest star to Earth.
- Define Gravity as being a force that pulls us towards the Earth.
- Demonstrate that radiant energy from the Sun can heat objects and when the Sun is not present, heat may be lost.

Social Studies

- Identify the levels and branches of government
- Read a map (key/legend, cardinal directions)
- Conduct research using online and printed material
- Understand 1st hand and 2nd hand Accounts
- Use primary and secondary resources

Social Skills

- Work independently
- Interact with peers and explore concepts & Work cooperatively in a group
- Follow directions and participate in group activities
- Share and communicate appropriately with other students & Respect their peers
- Sit for a longer period of time than in third grade (90 minutes)

ONLINE RESOURCES FOR 4TH GRADERS

ELA

- getepic.com
- <https://learn.khanacademy.org>
- Spellingcity.com
- <https://readtheory.org/>
- <https://home.oxfordowl.co.uk/>
- <https://www.factmonster.com/features/all-about-books>
- <https://www.storynory.com/>

Math

- Multiplication.com
- Mathplayground.com
- <http://www.sheppardsoftware.com/math.htm>
- <https://www.mathsisfun.com/games/>

Social Studies

- <https://kids.nationalgeographic.com/>
- <https://learninglab.si.edu/>
- <http://socialstudiesforkids.com/index.html>
- <http://www.digitalhistory.uh.edu/>

Science

- Science Buddies
<https://www.sciencebuddies.org/>
- NASA <https://science.nasa.gov/>
- National Geographic
<https://kids.nationalgeographic.com/>
- Time for Kids <https://time.com/tfk-free/>
- Science Kids
<https://www.sciencekids.co.nz/>

4TH GRADE HOMEWORK EXPECTATIONS

** SUBJECT TO CHANGE

ELA

- i-Ready Learning Path
2 passed lessons
 - i-Ready Teacher
Assigned Lesson
- Read and Take AR test

Social Studies

- Studies Weekly or
Study Island

Math

- i-Ready Learning Path
2 passed lessons
 - Study Island
 - Math Fluency

Science

- Science Weekly or
Study Island

SAMPLE 4TH GRADE HOMEWORK SCHEDULE

Monday

- ❖ i-Ready
Reading
Lesson
- ❖ Study
Island
Math

Tuesday

- ❖ i-Ready
Math
Lesson
- ❖ Read 30
mins. &
AR

Wednesday

- ❖ i-ready
reading
lesson
- ❖ Studies
Weekly

Thursday

- ❖ i-Ready
Math
Lesson
- ❖ Read
30 mins.
& AR

Friday

- ❖ i-Ready
Reading
Lesson
- ❖ Science
Weekly

Weekend

- ❖ Quarterly
Projects

FICTION BOOK LIST CHOOSE 1



The Magic Finger

Dahl, Roald
AR Quiz No. 9268 EN Fiction
IL: **LG** - BL: **3.1** - AR Pts: **0.5**
AR Quiz Types: **RP, RV, LS, VP**
Rating: ★★★★★

A duck-hunting family learns a lesson when an eight-year-old girl turns her magic finger on them.



Tales of a Fourth Grade Nothing

Blume, Judy
AR Quiz No. 294 EN Fiction
IL: **MG** - BL: **3.3** - AR Pts: **3.0**
AR Quiz Types: **RP, RV, LS, VP**
Rating: ★★★★★

Peter Hatcher has a terrible problem--his two-year-old little brother.



Wayside School Is Falling Down

Sachar, Louis
AR Quiz No. 5247 EN Fiction
IL: **MG** - BL: **3.4** - AR Pts: **4.0**
AR Quiz Types: **RP, VP**
Rating: ★★★★★

More humorous episodes from the classroom on the 13th floor of Wayside School, where students learn to tango, face the cafeteria's dreaded Mushroom Surprise, and study a hobo during Show and Tell. Sequel to Sideways Stories from Wayside School. Book 3



Because of Winn-Dixie

DiCamillo, Kate
AR Quiz No. 39557 EN Fiction
IL: **MG** - BL: **3.9** - AR Pts: **3.0**
AR Quiz Types: **RP, RV, LS, VP**
Rating: ★★★★★

Ten-year-old India Opal Buloni describes her first summer in the town of Naomi, Florida, and all the good things that happen to her because of her big, ugly dog Winn-Dixie.



Surprise Island

Warner, Gertrude Chandler
AR Quiz No. 5302 EN Fiction
IL: **LG** - BL: **4.2** - AR Pts: **3.0**
AR Quiz Types: **RP, VP**
Rating: ★★★★★

Summer vacation on an almost-private island gives the Aldens a challenge.



Harriet the Spy

Fitzhugh, Louise
AR Quiz No. 226 EN Fiction
IL: **MG** - BL: **4.5** - AR Pts: **8.0**
AR Quiz Types: **RP, LS, VP**
Rating: ★★★★★

Harriet's notebook of her feelings about classmates and neighbors is found by her classmates.



Little House on the Prairie

Wilder, Laura Ingalls
AR Quiz No. 53 EN Fiction
IL: **MG** - BL: **4.9** - AR Pts: **8.0**
AR Quiz Types: **RP, LS, VP**
Rating: ★★★★★

Laura and her family journey by covered wagon into Indian territory, and start a farm. The plot contains racial prejudice within historical context.



The Wild Robot

Brown, Peter
AR Quiz No. 180673 EN Fiction
IL: **MG** - BL: **5.1** - AR Pts: **5.0**
AR Quiz Types: **RP**
Rating: ★★★★★

Roz the robot discovers that she is alone on a remote, wild island with no memory of where she is from or why she is there. Her only hope of survival is to try to learn about her new environment from the island's hostile inhabitants.

NON-FICTION BOOK LIST CHOOSE 1



Snakes Are Hunters

Lauber, Patricia
AR Quiz No. 13826 EN Nonfiction
IL: **LG** - BL: **3.4** - AR Pts: **0.5**
AR Quiz Types: **RP**
Rating: ★★★★★

Describes the physical characteristics of a variety of snakes and how they hunt, catch, and eat their prey.



Let's Go Rock Collecting

Gans, Roma
AR Quiz No. 13823 EN Nonfiction
IL: **LG** - BL: **3.7** - AR Pts: **0.5**
AR Quiz Types: **RP, VP**
Rating: ★★★★★

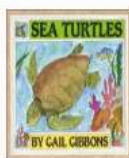
Along with information on how to start a collection, this volume emphasizes the history, types, and uses of rocks.



Who Says Women Can't Be Doctors? The Story of Elizabeth Blackwell

Stone, Tanya Lee
AR Quiz No. 156975 EN Nonfiction
IL: **LG** - BL: **4.1** - AR Pts: **0.5**
AR Quiz Types: **RP**
Rating: ★★★★★

In the 1830s, when brave and curious Elizabeth Blackwell was growing up, women were supposed to be wives and mothers, but Elizabeth refused to accept the common beliefs that women weren't smart or strong enough and refused to take no for an answer.



Sea Turtles

Gibbons, Gail
AR Quiz No. 51287 EN Nonfiction
IL: **LG** - BL: **4.1** - AR Pts: **0.5**
AR Quiz Types: **RP**
Rating: ★★★★★

This book gives information about eight kinds of sea turtles.



Who Was Roald Dahl?

Kelley, True
AR Quiz No. 153909 EN Nonfiction
IL: **MG** - BL: **4.6** - AR Pts: **1.0**
AR Quiz Types: **RP**
Rating: ★★★★★

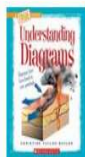
This biography of Roald Dahl, one of the most famous authors of children's books, discusses his childhood, marriage to an Academy Award-winning actress, time spent in the British Air Force, and later life.



Mesmerized: How Ben Franklin Solved a Mystery That Baffled All of France

Rockliff, Mara
AR Quiz No. 173543 EN Nonfiction
IL: **LG** - BL: **5.0** - AR Pts: **0.5**
AR Quiz Types: **RP**
Rating: ★★★★★

Paris had been enamored by Dr. Franz Mesmer's ability to cure ailments by staring into a person's eyes and waving a wand. However, when scientist and politician Ben Franklin came to Paris, he used the scientific method to demonstrate what was happening.



Understanding Diagrams

Taylor-Butler, Christine
AR Quiz No. 153876 EN Nonfiction
IL: **MG** - BL: **5.3** - AR Pts: **0.5**
AR Quiz Types: **RP**
Rating: ★★★★★

This book explains how famous thinkers such as Leonardo da Vinci and Isaac Newton used diagrams to explain their discoveries and how diagrams are used in everyday life.



The Boy Who Harnessed the Wind (Young Readers Edition)

Kamkwamba, William
AR Quiz No. 171666 EN Nonfiction
IL: **MG** - BL: **5.8** - AR Pts: **9.0**
AR Quiz Types: **RP**
Rating: ★★★★★

When William, a Malawian teen, began building a windmill from scraps and claimed the machine would generate electricity, everyone in his village thought he was crazy. The coauthor is Bryan Mealer.

FICTION CHOICE BOARD

Choose one fictional chapter book from the list that is on or near your just right AR reading level (near your quarter 4 STAR Test levels). If you are unsure of your AR levels, start around a 3.5-3.7. Complete 1 activity in each category using the book you have chosen. Color the box once you have completed it.

Reading	Writing	Skills	Art
Record yourself reading and rate your fluency	Write a short skit about a major event in your book	Create a Venn-Diagram comparing yourself to a character	Create a comic strip of your favorite chapter
Read to an adult and have them rate your fluency	Write a diary entry as a character in the book	Find 10 new words. Use a dictionary to find the meanings	Draw a map to show the main setting of the book
Choose a fluency passage to complete	Write a letter to the author	What is the theme? Cite evidence from the story	Design a new book cover
Choose a fluency passage to complete	Write a poem about the book	Rewrite an important scene from the story in a different character's point of view	Create a collage using pictures that represent different parts of your book

FICTION FLUENCY CHOICE ACTIVITY

Name _____

Word Count: 182

Aunt Lisa's Trip

Ana could hardly wait for Dad to get home. He was out 12
picking up Aunt Lisa from the airport. Aunt Lisa was Ana's 23
favorite aunt. She had been all around the world with her 34
job as a photographer. She had a way of making every event 46
feel like an escapade. 50

Finally, Dad's car rolled into the driveway. Ominously, 58
Ana heard only one car door open. Her face fell as she 70
went outside. Dad was the only one vacating the car. 80

"Where is Aunt Lisa?" Ana asked. 86

"She got a last-minute call from work," Dad said. "She 96
has to fly to an assignment in Egypt right away." 106

Ana groaned with comprehension. There would be no 114
visit from Aunt Lisa this summer. Dad simply smiled. 123

"She is allowed to take one guest," he added casually. 133
"Can you think of anybody who would like to join her?" 144

Ana's jaw dropped in shock. Could it really be? The 154
thought of exploring Egypt's pyramids and hieroglyphics 161
with her aunt filled her with wild excitement. It looked 171
as though her very own world adventure was about to begin. 182

	Read 1	Read 2	Read 3	Read 4	Read 5	Read 6
Goal Rate						
WPM						
Errors						
WCPM						
Accuracy / Reading Rate %						

RATE YOUR FLUENCY CHOICE ACTIVITY

P.E.A.R. 

Phrasing

I can read sentences with a . I and ? correctly.



Expression

I can read with feeling and emotion.



Accuracy

I can read the words correctly.



Rate

I can read at the right speed.



Name: _____

NON-FICTION CHOICE BOARD

Choose one non-fiction book from the list that is on or near your just right AR reading level (near your quarter 4 STAR Test levels). If you are unsure of your AR levels, start around a 3.5. Complete 1 activity in each category using the book you have chosen. Color the box once you have completed it. **Keep in mind that many informational books are written at a higher reading level, it's okay to have an adult help!**

Reading	Writing	Skills	Art
Record yourself reading and rate your fluency	Do some additional research on the topic you read about. Take notes about what you found.	Identify the main idea of the book. Then identify 5 details that support the main idea	Draw a diagram that represents something you learned. Be sure to title it and label the parts
Read to an adult and have them rate your fluency	Write a paragraph about how you connected to the book Text-to-self-connection.	Write down 5 facts from the book. Then write an opinion to go with each fact	Create an informational brochure about what you learned from the book
Choose a non-fiction fluency passage to complete	Pretend you are writing an article for the newspaper. Write a brief article about what you learned from the book. Give only facts, no opinions.	Create a web map about what you read. The topic should go in the middle with facts connected to it	Brainstorm a new title for the book. Then design a new cover. Write a paragraph explaining why you picked that title and new cover design
Choose a non-fiction fluency passage to complete	Write a short fictional story about the topic you read about	Create a text feature chart. Find headings, charts, maps, subheadings, diagrams, bold print captions, and more	If applicable create a timeline of events such as the life events of a person.

NON-FICTION FLUENCY CHOICE

Reading A-Z

LEVEL T

Fluency Passage—Nonfiction

A Visit to the Big Apple

Name _____

Word Count: 199

A Visit to the Big Apple

New York City is an exciting city. It has many sites to see and places to visit. If you tour the city, start with the Empire State Building. This historic skyscraper is open to the public every day of the year. Go all the way to the top. On a clear day, you can see four other states.

Next, visit another tourist attraction, Ellis Island. This is the place where many immigrants first entered the United States. Its museum has many tapes and photos. They tell the history of the place and the people who passed through there. The Statue of Liberty stands proudly and tall nearby in New York Harbor. The statue is more than 300 feet from the ground to the tip of the torch and is perhaps the most visited site in New York City.

You also may want to visit some of New York's museums. If you enjoy art, don't miss the Museum of Modern Art. It has many famous paintings and sculptures to view.

Finally, make sure you stop by Central Park. It covers almost a thousand acres. It has baseball fields, an ice-skating rink, horse carriage rides, playgrounds, and even a small zoo.

Page 2 of 2

	Read 1	Read 2	Read 3	Read 4	Read 5	Read 6
Goal Rate						
WPM						
Errors						
WCPM						
Accuracy / Reading Rate %						

Words Per Minute (WPM); WPM - Errors = Words Correct Per Minute (WCPM); (WCPM ÷ WPM) x 100 = Accuracy/Reading Rate %

RATE YOUR FLUENCY CHOICE ACTIVITY

P.E.A.R. 

Phrasing

I can read sentences with a . I and ? correctly.



Expression

I can read with feeling and emotion.



Accuracy

I can read the words correctly.



Rate

I can read at the right speed.



Name: _____

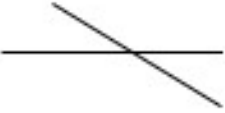
SCIENCE CHOICE BOARD

Choose three (3) activities in a row: vertically, horizontally, or diagonally.

<p>Organize</p> <p>Using a graphic organizer, describe the 3 types of rocks and describe how they are made.</p>	<p>Picture</p> <p>Draw a picture showing an example of how Force and Motion are related.</p>	<p>Anchor Chart</p> <p>Use a piece of paper and write a chart about the Life Cycle of an insect. Be creative!</p>
<p>Draw</p> <p>Draw all of the phases of the moon, in order starting with the New Moon.</p>	<p>Acrostic Poem</p> <p>Create an Acrostic Poem using the words, mixture and solution. Explain each and give real world examples.</p>	<p>Food Chain</p> <p>Design a Food Chain and include at least 6 organisms.</p>
<p>Quiz</p> <p>Create a 12-question quiz about forms of energy. Include answer key.</p> <p>Mechanical Energy Heat Energy Light Energy Chemical Energy</p>	<p>List</p> <p>Make a list of renewable and non-renewable resources; at least 5 resources for each.</p> <p>Ex. <u>Renewable</u> <u>Non-Renewable</u> Water coal</p>	<p>Comic Strip</p> <p>Design a comic strip with at least 5 sections that illustrates the relationship between predator and prey.</p>


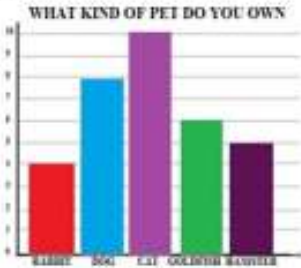

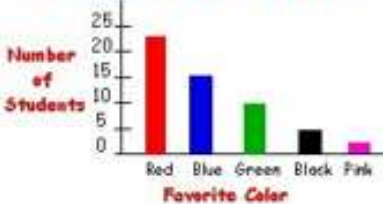
MATH SKILL PRACTICE #1

Complete all problems in the math section of your notebook and label Math Practice #1. Don't forget to **show your work!**

<p>1.</p> $\begin{array}{r} 234 \\ 567 \\ +893 \\ \hline \end{array}$	<p>2.</p> $\begin{array}{r} 904 \\ -609 \\ \hline \end{array}$	<p>3.</p> <p>Finish the fact family.</p> $8 \times 4 =$ $\underline{\quad} \times \underline{\quad} = \underline{\quad}$ $\underline{\quad} + \underline{\quad} = \underline{\quad}$ $\underline{\quad} - \underline{\quad} = \underline{\quad}$
<p>4.</p> <p>Use Rounding to the highest place value to estimate the sum.</p> $\begin{array}{r} 48 \\ + 66 \\ \hline \end{array}$	<p>5.</p> <p>What is the value of the 8 in the number 6845?</p>	<p>6.</p> <p>Eliot has 905 marbles. Jadyn has 356 marbles. How many fewer does Jadyn have than Eliot?</p>
<p>7.</p> <p>Marissa has 40 chocolate kisses to give equally to 5 friends. How many will each friend get?</p>	<p>8.</p> $9 \times 60 =$	<p>9.</p> <p>Is the number 4,657 even or odd?</p>
<p>10.</p> $16 \times 4 =$	<p>11. Are these lines intersecting or parallel?</p> 	<p>12.</p> <p>Draw a clock that shows 8:20.</p>
<p>13.</p> <p>Elif left to go to Blue Bayou at 9:15am. She arrived at Blue Bayou at 12:35am. How long did it take to get there?</p>	<p>14.</p> <p>Jordan left Blue Bayou at 4:45pm. He arrived at Blue Bayou at 7:15pm. How did it take to get there?</p>	<p>15.</p> <p>Each side of a square is 6 centimeters long. What is the perimeter of the square?</p>

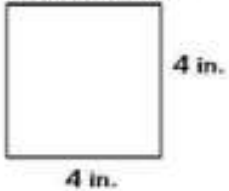

MATH SKILL PRACTICE #2

Complete all problems in the math section of your notebook and label Math Practice #2. Don't forget to **show your work!**

<p>1.</p> $\begin{array}{r} 69 \\ 86 \\ +469 \\ \hline \end{array}$	<p>2.</p> $\begin{array}{r} 900 \\ -367 \\ \hline \end{array}$	<p>3.</p> $\begin{array}{r} 678 \\ -349 \\ \hline \end{array}$
<p>4.</p> $8 \times 40 =$	<p>5.</p>  <p>What time is it? _____</p>	<p>6.</p> <p>Write the multiplication fact family for 9,6,54.</p>
<p>7.</p> 	<p>8.</p> <p>What is the most popular pet?</p> <p>What is the least popular pet?</p>	<p>9.</p> <p>Ruth, Pat, and Sara are collecting shells. Ruth has 32 shells. Pat has 24 shells. Sara has 9 shells. How many shells do Ruth and Sara have together?</p>
<p>10.</p> <p>Use rounding to the highest place value to find the estimated difference.</p> $\begin{array}{r} 97 \\ -33 \\ \hline \end{array}$	<p>11.</p> <p>Write this number in expanded form.</p> <p>875</p>	<p>12.</p> <p>Measure your dining table to the nearest inch.</p>
<p>13.</p> <p>Is this a ray or a line?</p> 	<p>Student's Favorite Color</p> 	<p>14.</p> <p>Use the graph to the left to answer the questions.</p> <p>How many students chose blue as the favorite color? _____</p> <p>Which color is the <u>least</u> favorite? _____</p> <p>How many students chose green and blue together? _____</p>

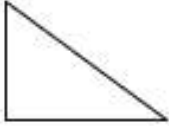
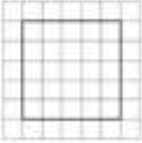
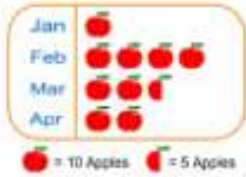
MATH SKILL PRACTICE #3

Complete all problems in the math section of your notebook and label Math Practice #3. Don't forget to **show your work!**

<p>1. Round to the nearest hundred.</p> <p>978 _____</p> <p>453 _____</p>	<p>2. Write the number in word form.</p> <p>987</p>	<p>3.</p> $\begin{array}{r} 408 \\ -349 \\ \hline \end{array}$
<p>4. What is the value of the underlined digit?</p> <p><u>7</u>,169</p>	<p>5.</p> $\begin{array}{r} \$5.94 \\ +\$2.48 \\ \hline \end{array}$	<p>6. Find the perimeter.</p>  <p>4 in.</p> <p>4 in.</p> <p>— inches</p>
<p>7. Karen Karen is collecting rose petals for a wedding. Each rose has 11 petals. How many petals will Karen get from 9 roses?</p>	<p>8. Is this number even or odd?</p> <p>435</p>	<p>9.</p> $67 - 4 = 46 + \underline{\quad}$
<p>10. Measure this line to the nearest centimeter.</p> <p>_____</p>	<p>11. David's bedroom is 65 ft <u>l</u> wide and 10 ft. long. What is the area of David's bedroom?</p>	<p>12. What fraction of the shape is shaded?</p> 
<p>13. I am making a sign to advertise my new store. The sign has two pairs of parallel sides and four right angles. What is the shape of my sign?</p>	<p>14.</p> $8 \times 40 =$	<p>15. Reed is going to bed 2 hour and 40 minutes past his bedtime. His bedtime is 10:30 pm. What time is he going to bed?</p>

MATH SKILL PRACTICE #4

Complete all problems in the math section of your notebook and label Math Practice #4. Don't forget to **show your work!**

<p>1. Is the sum of 875 and 456? even or odd?</p>	<p>2. There are 3 feet in a yard. Brandon is making a tree swing. He needs 24 feet of rope. How many yards should he buy?</p>	<p>3. How many right angles does this shape have?</p> 
<p>4.</p> $9x = 72$ $48 = 8x$	<p>5. Find the area.</p>  <p>___ square units</p>	<p>6.</p> $\begin{array}{r} .504 \\ -156 \\ \hline \end{array}$
<p>7. Jim has 42 baseball cards to put in his album. Each album page holds 6 cards. How many pages do he need?</p>	<p>8. Round to the highest place value.</p> <p>956 _____ 39 _____ 950 _____</p>	<p>9.</p> $\begin{array}{r} 679 \\ +789 \\ \hline \end{array}$
<p>10. Eight cub scouts collected old newspapers for their recycling project. Each scout collected 9 loads of paper. How many loads did they collect in all?</p>	<p>11. Emily bought 4 bags of dog food that cost \$6 each. She also bought 5 dog treats that cost \$2 each. How much did Emily spend?</p>	<p>12.</p> $11 \times 3 = 6+$ $4 \times 11 = 20+$
<p>13. What kind of graph is this?</p> 	<p>14. Use the graph in #13 to answer the following questions. How many apples were picked in March? _____ Which month the most apples picked? _____ How many more apples were picked in February than in April? _____</p>	<p>15. Which is an example of the commutative property of multiplication? $7 + 4 = 4 + 7$ $8 \times 3 = 6 \times 4$ $4 \times 7 = 7 \times 4$</p>

MATH CHOICE BOARD

Choose **3** real life math activities to complete in your notebook. Don't forget to **show your work!**

Activity 1: Take a Vacation!

- Use google maps and figure out how many miles you'll be driving - the scale of miles is a great example of proportion and measurement used in real life!
- What's your car's fuel efficiency? Add to find out the total cost to fill up the tank throughout your trip; divide to calculate the miles driven per gallon of gas; multiply to determine the cost of a fill-up based on your expected travel distance... is it time to purchase a hybrid vehicle?
- How fast did you get there? Use the car's trip odometer to find out how many miles you've driven and determine your average speed.

Activity 2: Gardens of Eating... and Math!

Draw your garden, choose your vegetables

- How much square feet your garden?
- How much fencing do you need for your garden?
- What is the weight of that prize-winning tomato or pumpkin (or any vegetables)?
- How many peppers, tomato, etc. are on each plant?
- If you need to keep your bean plants 3 inches apart, how many plants will grow on a 12-foot row?

Activity 3: Take a trip to the grocery store!

- Before going to shopping make a grocery list with your parents
- Write your estimated price for each item
- Estimate the total bill based on your list
- Once you finish the shopping, compare your estimates with the actual prices
- What is the difference between your estimate and actual price? How close you were?

Activity 4: In the kitchen - cook up some math!

- Go to kitchen with your mom while she is making your favorite desert, like cheesecake
- Write all the ingredients asking your mom (Pay attention which unit you are using)
- Write the amount of each ingredient with units
- Challenge yourself to double the recipe or cut the recipe in half - fractions are everywhere!

Activity 5: Take me out to the ballgame!

- What's your favorite team sport, baseball, soccer, football, hockey, basketball, volleyball, etc.?
- How many players are in a team? How many on the field and how many on the bench?
- How long is the game? How many quarters?
- Which geometric shapes the field looks like?
- What is the measurement of a typical field for that sport you chose?
- Based on the measurement, calculate area and perimeter of the field.

Activity 6: Math Vocabulary Notebook

- Choose 10 vocabulary related with math.
- What is the meaning of each word?
- Draw picture of the words
- Use each word in a sentence

PLANNING CALENDARS

JUNE

OUR CLASSROOM
schedule

Summer Project
Schedule

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	NOTES
	1	2	3	4	5	6	
7	8	9	10	11	12	13	
14	15	16	17	18	19	20	
21	22	23	24	25	26	27	
28	29	30	Have big dreams. You will grow into them.				

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June 2020

JULY

OUR CLASSROOM
schedule

Summer Project
Schedule

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	NOTES
"Be a rainbow in someone else's cloud." -Maya Angelou			1	2	3	4	
5	6	7	8	9	10	11	
12	13	14	15	16	17	18	
19	20	21	22	23	24	25	
26	27	28	29	30	31		

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July 2020

PLANNING CALENDARS

AUGUST OUR CLASSROOM *schedule*

Summer Project
Schedule

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	NOTES
Strive for progress, not perfection.						1	
2	3	4	5	6	7	8	
9	10	11	12	13	14	15	
16	17	18	19	20	21	22	
23	24	25	26	27	28	29	
30	31						

