

grade 4

CLICK AHEAD TO SLIDE 2
TO NAVIGATE THROUGH
THE ACTIVITIES

SUMMER STRETCH: SO MANY WAYS TO LEARN



SUMMER STRETCH: GRADE 4

DIRECTIONS: CLICK ON A LINK UNDER EACH CONTENT IMAGE TO ACCESS THIS WEEK'S ACTIVITIES

	Math	Reading	Science	SOCIAL SKILLS
Questions? Click HERE for contact info				
June 1 st – 5 th	<u>Week One</u>	<u>Week One</u>	<u>Week One</u>	<u>Week One</u>
June 8 th – 12 th	<u>Week Two</u>	<u>Week Two</u>	<u>Week Two</u>	<u>Week Two</u>
June 15 th – 19 th	<u>Week Three</u>	<u>Week Three</u>	<u>Week Three</u>	<u>Week Three</u>
June 22 nd – 26 th	<u>Week Four</u>	<u>Week Four</u>	<u>Week Four</u>	<u>Week Four</u>
June 29 th – July 3 rd	<u>Week Five</u>	<u>Week Five</u>	<u>Week Five</u>	<u>Week Five</u>
Thank you for your participation in Summer Stretch these past few weeks. Let us know about your participation in Summer Stretch by responding to the <u>Summer Stretch Participation Survey</u> (click to access between June 29 th – July 17 th).				
July 6 th – 10 th	<u>Week Six</u>	<u>Week Six</u>	<u>Week Six</u>	<u>Week Six</u>



WEEK 1: FOURTH GRADE SUMMER LEARNING

MATH: FACTORS & MULTIPLES



[BACK TO HOME PAGE](#)

DIRECTIONS:

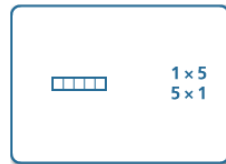
Click on the title to link to the Investigations activity.

In the Investigations, use the Directions tab to know how to complete the activity.

Investigation #1: Factor Pairs

Factor Pairs

Say the number of squares in the array.
Flip the card to check.



Facts I Know

Facts I Need to Work On

Investigation #2: Multiple Turn Over

Multiple Turn Over

Choose one deck to use. Both players will use the same deck.
Call out a number and search your cards for multiples of that number. Scroll down to record each round.

Basic



Intermediate



Advanced



Player 1

Player 2



WEEK 1: FOURTH GRADE SUMMER LEARNING READING: WHALES, OTTERS, & DOLPHINS...OH MY!



[BACK TO HOME PAGE](#)

DIRECTIONS: Complete the reading and learning experience within one column each time you do an activity.

OPTION 1




When you think of New York City, do you think of whales? Listen to this article to find out why you should.

LISTEN to:

[Whales in the City](#)

using Text-to-Speech

(look for this icon)  Text-to-Speech

OPTION 2



Did you know that sea otters help keep underwater plants and animals healthy in a kelp forest ecosystem. Read to find out how.

READ: [We're Still Here](#)

(use 630L or 860L reading level)

OPTION 3



The U.S. Navy trains dolphins to work on lifesaving missions. Read to learn how these super-smart animals can help!

READ: [Dolphins on Duty](#)

(use the on or below reading level)

OPTION 4



WATCH, LISTEN, or READ: [Saving the Dolphins](#)

(scroll to the bottom and choose video to watch or audio to listen OR read the article on your own; use the on level, beginner, lower, or higher reading level for audio or reading)

**FIRST,
LEARN
BY
READING**

THEN → LEARN BY THINKING

LEARN BY TALKING

LEARN BY WRITING

LEARN BY DOING

FYI: Free access to *Scholastic News* expires June 30th.

THINK to yourself:

Do you think this is a good way to help the whales? Why or why not?

WATCH a video (2:58):

[Otters on the Rebound](#)

DISCUSS with a family member:

How do you use tools to make life easier?

WATCH a video (1:46):

[Discovering Dolphins](#)

WRITE a paragraph:

State your opinion of what qualities make dolphins a good choice for helping the Navy.

WATCH:

[Vocabulary Slideshow](#)

(scroll down to the bottom of the page)

Choose two words from the story and act out your own definition of the words.





WEEK 1: FOURTH GRADE SUMMER LEARNING SCIENCE: PLANT AND ANIMAL LIFE CYCLES



BACK TO HOME PAGE

WHAT YOU WILL LEARN OR REVIEW:

A life cycle shows how living things grow and change over time.

Plants start as seeds then most form flowers & fruit.

Animals start from eggs or live birth then they grow up and mate.

All life cycles start at birth, end with death and involve growth & reproduction

COMPLETE THE ACTIVITIES IN ORDER	1. LEARN BY WATCHING	2. LEARN BY READING	3. LEARN BY DOING	4. CHECK YOUR LEARNING
CLICK THE LINK TO COMPLETE THE ACTIVITY	<u>Life Cycles Generation Genius Video</u>	<u>Animal and Plant Life Cycles Reading Material</u>	<u>Grow an Avocado Plant</u>	<u>Life Cycles Quizizz Game</u>



WEEK 1: FOURTH GRADE SUMMER LEARNING

SOCIAL SKILLS: IDENTIFYING EMOTIONS



BACK TO HOME PAGE

For an activity on identifying emotions, click [HERE](#).



WEEK 2: FOURTH GRADE SUMMER LEARNING

MATH: PLACE VALUE



BACK TO HOME PAGE

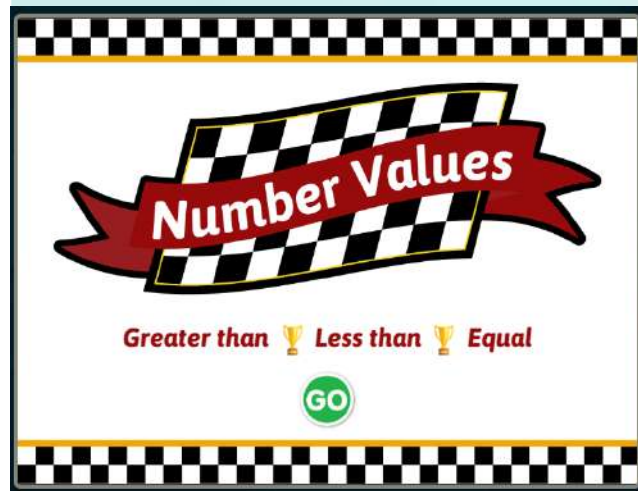
DIRECTIONS:

Click on the title to link to the activity.

Comparing Number Values

Select *Whole Numbers*

Choevel



Place Value Hockey

Select Level 2

Select *Place Value*





WEEK 2: FOURTH GRADE SUMMER LEARNING

READING: MEET SOME COOL PEOPLE...ARTIST, BAKER, AND AUTHOR!



BACK TO HOME PAGE

DIRECTIONS: Complete the reading and learning experience within one column each time you do an activity.

OPTION 1



Do your sandcastles look like this? Read to learn how Sue McGrew creates magnificent sandcastles like this one.

READ: [Sand Sculptor](#)
(use 560L or 820L reading level)

OPTION 2



Do you like to bake? Do you watch YouTube videos? Read to learn about a YouTube star who bakes science-inspired treats.

READ: [Cake Chemist](#)
(use 610L or 810L reading level)

OPTION 3



Do you like to read graphic novels? Read to learn how author Raina Telgemeier uses graphic novels to tell her story.

LISTEN to: [It Takes Guts](#)
using Text-to-Speech

(look for this icon)  Text-to-Speech

OPTION 4



Have you read *Smile, Sisters*, or *Guts* by Raina Telgemeier? Re-read this interview with the author.

RE-READ: [It Takes Guts](#)
(use on level or lower level)

FIRST,
LEARN
BY
READING

THEN → LEARN BY THINKING

LEARN BY TALKING

LEARN BY WRITING

LEARN BY DOING

FYI: Free access to *Scholastic News* expires June 30th.

WATCH a video (2:31):
[Build an Epic Sandcastle](#)

THINK to yourself:
Do you like to build sandcastles?
Why or why not?

WATCH a video (5:00):
[Baking with Rosanna Pansino](#)

DISCUSS with a family member:
What other ideas do you have for creative baking fun?

WATCH a video (5:22):
[Meet Raina Telgemeier](#)

WRITE interview questions:
Imagine that you are the girl doing the interview in this video. Write 5 questions you would want to ask the author.

CREATE:
Read through the [SLIDESHOW](#) that shows Raina Telgemeier at Work. Try to sketch out your own images for a graphic novel.



WEEK 2: FOURTH GRADE SUMMER LEARNING SCIENCE: POLLINATION AND SEED DISPERSAL



BACK TO HOME PAGE

WHAT YOU WILL LEARN OR REVIEW:

Pollen needs to be moved from one flower to another.

Animals help plants move pollen and seeds.

Wind and water also help plants move their seeds.

COMPLETE THE ACTIVITIES IN ORDER	1. LEARN BY WATCHING	2. LEARN BY READING	3. LEARN BY DOING	4. CHECK YOUR LEARNING
CLICK THE LINK TO COMPLETE THE ACTIVITY	Pollination and Seed Dispersal Generation Genius Video	Pollination and Seed Dispersal Reading Material	Make a Seed Model	Pollination and Seed Dispersal Quizizz Game



WEEK 2: FOURTH GRADE SUMMER LEARNING

SOCIAL SKILLS: CALM EMOTIONS



BACK TO HOME PAGE

For an activity on mindful deep breathing to calm emotions, click [HERE](#).



WEEK 3: FOURTH GRADE SUMMER LEARNING

MATH: ADDITION & SUBTRACTION



[BACK TO HOME PAGE](#)

DIRECTIONS:

Click on the title to link to the Investigations activity.

In the Investigations, use the Directions tab to know how to complete the activity.

[Close to 1,000](#)

A screenshot of a game interface titled 'Close to 1,000'. The instructions read: 'Use any six cards to make two numbers with a total close to 1,000. Scroll down to record each round.' The interface includes a 'Digit Cards' deck, a 'Wild Cards' checkbox, and a 'Discard Pile' box. There are two rows of empty boxes for recording: a top row of seven dashed boxes and a bottom row of six solid boxes arranged as three boxes followed by a plus sign and three more boxes.

Close to 1,000

Use any six cards to make two numbers with a total close to 1,000. Scroll down to record each round.

Digit Cards

Wild Cards

Discard Pile

_____ + _____



WEEK 3: FOURTH GRADE SUMMER LEARNING

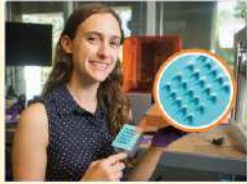
READING: LOOK AT THESE AMAZING INVENTIONS



DIRECTIONS: Complete the reading and learning experience within one column each time you do an activity.

[BACK TO HOME PAGE](#)

OPTION 1



One day, a cat got its tongue stuck in a blanket. Read to find out how this mishap led to the development of a cool invention!

READ: [A Better Brush](#)
(use 540L or 800L reading level)

OPTION 2




Do you love flying superheroes? Read to learn how an inventor built a jet suit that lets him fly like a superhero.

READ: [Defying Gravity](#)
(use 590L or 810L reading level)

OPTION 3



Do you know how pencils are made? Listen to find out.

LISTEN to: [The Write Stuff](#)
using Text-to-Speech
(look for this icon) 

OPTION 4



Yuck! A piece of chewed gum on my shoe, in my desk, or under my chair! Read to learn how chewed gum has a new purpose.

READ: [A Sticky Business](#)
(use 560L or 760L reading level)

**FIRST,
LEARN
BY
READING**

THEN —> LEARN BY THINKING

FYI: Free access to *Scholastic News* expires June 30th.

WATCH a video (3:54):
[Inventions from Nature](#)

THINK to yourself:
Have you ever had an idea for an invention? What made you think of it?

LEARN BY TALKING

WATCH a video (4:07):
[Jet Suit Science](#)

DISCUSS with a family member:
Would you like to fly using a jet pack? Why or why not?

LEARN BY WRITING

WATCH a video (4:28):
[A Trip to the Pencil Factory](#)

WRITE with a Pencil:
Get a pencil and write something...anything...just give yourself a chance to use a pencil!

LEARN BY DOING

WATCH a video (2:29):
[The Gumdrop Bin](#)

Hands-on Investigation:
If possible, complete the [Stretch Test](#) to investigate what happens to gum in warm and cold temperatures.



WEEK 3: FOURTH GRADE SUMMER LEARNING SCIENCE: FOOD WEBS



BACK TO HOME PAGE

WHAT YOU WILL LEARN OR REVIEW:

A food web is a model of intersecting food chains.

Food of almost any kind can be traced back to the sun.

Decomposers break down dead organisms.

COMPLETE THE ACTIVITIES IN ORDER	1. LEARN BY WATCHING	2. LEARN BY READING	3. LEARN BY DOING	4. CHECK YOUR LEARNING
CLICK THE LINK TO COMPLETE THE ACTIVITY	<u>Food Webs Generation Genius Video</u>	<u>Food Webs Reading Material</u>	<u>Make Your Own Compost</u>	<u>Food Webs Quizizz Game</u>



BACK TO HOME PAGE

WEEK 3: FOURTH GRADE SUMMER LEARNING SOCIAL SKILLS: MENTAL HEALTH JOURNALING



For an activity on the benefits of journaling on mental health, click [HERE](#).



WEEK 4: FOURTH GRADE SUMMER LEARNING

MATH: MULTIPLICATION



BACK TO HOME PAGE

DIRECTIONS:

Click on the title to link to the Investigations activity.
In the Investigations, use the Directions tab to know how to complete the activity.

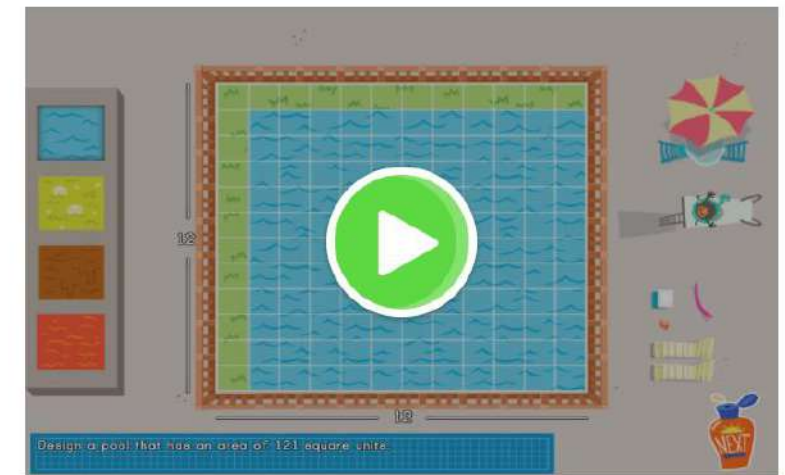
Investigation #1: Factor Bingo



DIRECTIONS:

Click on the title to link to the activity.
Click on *Myself: I'm a Student*
Fill in your birthday then click *Next*

Investigation #2: Splash Math Multiplication Word Problem Game





WEEK 4: FOURTH GRADE SUMMER LEARNING

READING: PIZZA AND CHOCOLATE IMPACT OUR WORLD



DIRECTIONS: Complete the reading and learning experience within one column each time you do an activity.

[BACK TO HOME PAGE](#)

OPTION 1



There are two articles here with so much great information about CHOCOLATE!

LISTEN to the 1st article:
[The History of Yum](#)
using Text-to-Speech

(look for this icon)



Text-to-Speech

OPTION 2



Thousands of years ago, chocolate wasn't so delicious. Do you believe that?

LISTEN to the 2nd article:
[When Chocolate Tasted Yucky](#)
using Text-to-Speech

(look for this icon)



Text-to-Speech

OPTION 3



There are so many interesting details about chocolate in these two articles. Let's read them again!

RE-READ:

[The History of Yum AND When Chocolate Tasted Yucky](#)
(use on or below reading level)

OPTION 4



What do you like on your pizza? Cheese? Pepperoni? Anchovies? Read to learn how pizza became one of America's favorite foods.

READ: [How Pizza Conquered America](#)
(use on or below reading level)

FIRST, LEARN BY READING

THEN —> LEARN BY THINKING

LEARN BY TALKING

LEARN BY WRITING

LEARN BY DOING

FYI: Free access to *Scholastic News* expires June 30th.

THINK to yourself:
Check out what the first Hershey bars cost (5 and 10 cents). Does that surprise you?

WATCH the Vocabulary [Slideshow](#) (scroll to the bottom)
DISCUSS with a family member: Choose one word; tell your family member what picture you would draw to represent it.

WATCH a video (2:41): [The Sweet Story of Chocolate](#)
WRITE
The main idea and details of the video using this worksheet: [Write the Main Idea and Details](#)

LET'S EAT:
[Make a Pizza](#) — virtually or in your own kitchen.



WEEK 4: FOURTH GRADE SUMMER LEARNING

SCIENCE: WEATHERING AND EROSION



BACK TO HOME PAGE

WHAT YOU WILL LEARN OR REVIEW:

The Earth's surface gets broken down through weathering.

Small pieces of the Earth get moved through erosion.

The small pieces are deposited somewhere else through a process called deposition.

COMPLETE THE ACTIVITIES IN ORDER	1. LEARN BY WATCHING	2. LEARN BY READING	3. LEARN BY DOING	4. CHECK YOUR LEARNING
CLICK THE LINK TO COMPLETE THE ACTIVITY	<u>Weathering and Erosion Generation Genius Video</u>	<u>Weathering and Erosion Reading Material</u>	<u>Make an Erosion Model</u>	<u>Weathering and Erosion Quizizz Game</u>



WEEK 4: FOURTH GRADE SUMMER LEARNING

SOCIAL SKILLS: EXPRESSING EMOTIONS



BACK TO HOME PAGE

For an activity on different ways to express emotions, click [HERE](#).



WEEK 5: FOURTH GRADE SUMMER LEARNING

MATH: EQUIVALENT FRACTIONS



[BACK TO HOME PAGE](#)

DIRECTIONS:

Click on the title to link to the activity.

Fraction Game

A screenshot of a digital game interface. At the top, it says "Activity" and "Tap the deck to turn over a fraction card." There is a "New Game" button. Below, it explains the goal: "The object of the game is to get all of the markers to the right side of the game board, using as few cards as possible." A deck icon shows "Cards Played: 0". To the right is a game board with five horizontal number lines. The first line is labeled 1/2 and has a red marker at 1/2. The second line is labeled 3/4 and has a red marker at 3/4. The third line is labeled 1/4 and has a red marker at 1/4. The fourth line is labeled 1/5 and has a red marker at 1/5. The fifth line is labeled 1/6 and has a red marker at 1/6.

Equivalent Fractions Bingo

A screenshot of a digital bingo card. At the top, it says "Tap the equivalent fraction:" and shows a fraction $1/9$ next to a pie chart with 1 out of 9 segments shaded. There is a "Score" box. The bingo card is a 4x4 grid of yellow squares, each containing a fraction and a pie chart with a portion shaded. The fractions are: Row 1: 16/18, 1/7, 2/18, 4/6; Row 2: 6/7, 8/18, 10/14, 12/15; Row 3: 2/16, 4/7, 5/6, 5/6; Row 4: 7/14, 10/18, 6/15, 2/8.



WEEK 5: FOURTH GRADE SUMMER LEARNING

READING: FACTS! FACTS! FACTS!



[BACK TO HOME PAGE](#)

DIRECTIONS: Complete the reading and learning experience within one column each time you do an activity.

**FIRST,
LEARN
BY
READING**

OPTION 1



Marcenia is a young girl who loves baseball more than anything else in the world. Grown-ups in her world don't think girls should play baseball.

LISTEN and VIEW:

[Catching the Moon](#)

(STOP at 7:04 to finish the next day)

OPTION 2



Marcenia proved that she was good enough. Now she just needs to convince the adults that is enough.

LISTEN and VIEW:

[Catching the Moon](#)

(watch the entire story)

OPTION 3

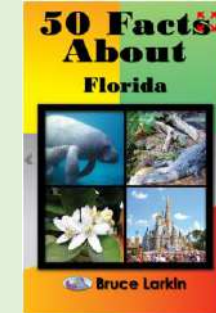


Helen Keller was an amazing lady who can teach us all a lot about working through struggles. This is a chapter book with 10 chapters. Continue reading this book on your own throughout the summer.

READ chapter 1 from

[Helen Keller](#)

OPTION 4



READ:

[50 Facts About Florida](#)

Think...which facts did you already know?

THEN → LEARN BY THINKING

LEARN BY TALKING

LEARN BY WRITING

LEARN BY DOING

THINK to yourself:

What do you think will happen now that Marcenia has proven how good she really is?

WATCH a video (4:35):

[Toni Stone \(Marcenia Lyle\)](#)

DISCUSS with someone:

What do you dream to be? What are you willing to do to reach your dream?

WATCH a video (6:01):

[Facts about Helen Keller](#)

WRITE a paragraph describing a few facts about Helen Keller that you learned from the text or the video.

COMPLETE the Informational Text Student Tutorial:

[Digging Deeper: Inferences](#)



WEEK 5: FOURTH GRADE SUMMER LEARNING

SCIENCE: EARTH'S ORBIT AND ROTATION



BACK TO HOME PAGE

WHAT YOU WILL LEARN OR REVIEW:

The earth rotates on its axis every 24 hours.

The earth orbits around the sun every 365.25 days.

Earth's rotation causes observable patterns like night & day.

Earth's orbit causes some stars to be visible only in certain months.

NOTE- Before watching this week's video, follow the directions: After clicking the video link below, select "TRY IT FREE" in the upper right-hand of your screen. Then click "STUDENT" to watch the entire video. Be sure to only watch the video ONE time, because Generation Genius limits your access to 5 free views.

COMPLETE THE ACTIVITIES IN ORDER	1. LEARN BY WATCHING	2. LEARN BY READING	3. LEARN BY DOING	4. CHECK YOUR LEARNING
CLICK THE LINK TO COMPLETE THE ACTIVITY	<u>earths-orbit-and-rotation-video-for-kids</u>	<u>earths-orbit-and-rotation-reading-material</u>	<u>earths-orbit-and-rotation-activity-for-kids</u>	<u>earths-orbit-and-rotation-quiz-game</u>



WEEK 5: FOURTH GRADE SUMMER LEARNING

SOCIAL SKILLS: GROWTH MINDSET



BACK TO HOME PAGE

For an activity on developing a growth mindset, click [HERE](#).



WEEK 6: FOURTH GRADE SUMMER LEARNING

MATH: COMPARE FRACTIONS

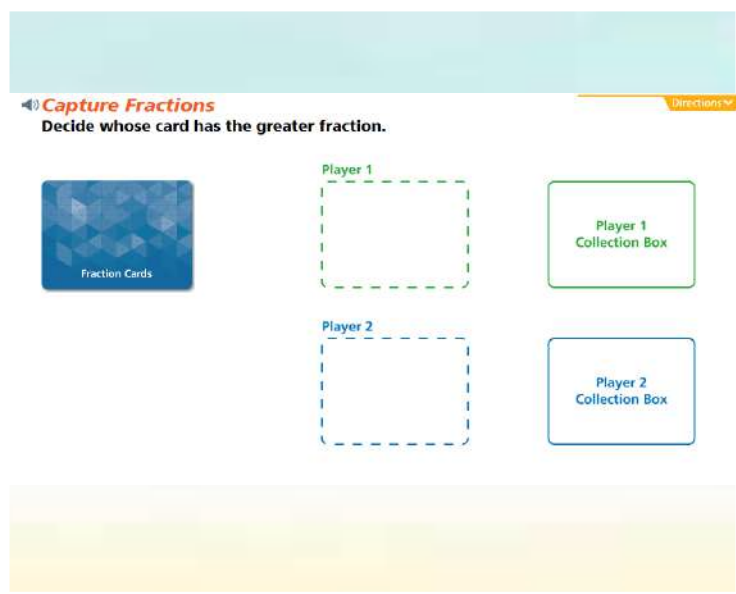


[BACK TO HOME PAGE](#)

DIRECTIONS:

Click on the title to link to the Investigations activity.
In the Investigations, use the Directions tab to know how to complete the activity.

Investigation #1: Capture Fractions



DIRECTIONS:

Click on the title to link to the activity.
Click on *Myself: I'm a Student*
Fill in your birthday then click *Next*

Investigation #2: Space Fractions





WEEK 6: FOURTH GRADE SUMMER LEARNING

READING: CHOOSE YOUR WORDS WISELY IN FICTION



[BACK TO HOME PAGE](#)

DIRECTIONS: Complete the reading and learning experience within one column each time you do an activity.

OPTION 1



A fiction story about real events from July 1932 – a fire, a robbery, and exciting events with Babe Ruth. This story is full of excitement!

READ: [The Babe and I](#)

OPTION 2



Words in the newspapers are very important to this story. The *words* in the headlines, the *words* in the articles, and the *words* spoken when selling the newspapers. Reread the story and pay attention to the importance of the *words*.

RE-READ: [The Babe and I](#)

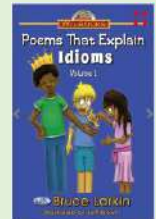
OPTION 3



Mr. Hatch usually keeps to himself. Then one day, he receives a note with some *special words*. Listen and watch to see how he responds.

LISTEN and VIEW:
[Somebody Loves You, Mr. Hatch](#)

OPTION 4



An idiom is a *group of words* that means something different than the regular meaning of those words. Read to learn some idioms.

READ:
[Poems That Explain Idioms: Volume 1](#)

FIRST,
LEARN
BY
READING

THEN → LEARN BY THINKING

LEARN BY TALKING

LEARN BY WRITING

LEARN BY DOING

THINK to yourself:

The boy in the story thought of something that he had in common with Babe Ruth. What do you have in common with him?

DISCUSS with a family

member: Choose a group of words from the story that stand out to you. What makes them stand out?

WRITE

a hand-made card for someone to let them know you love them.

COMPLETE the Literature Student Tutorial:

[Formal or Informal... You Decide](#)



WEEK 6: FOURTH GRADE SUMMER LEARNING SCIENCE: THE MOON AND ITS PHASES



BACK TO HOME PAGE

WHAT YOU WILL LEARN OR REVIEW:

The moon's phases are caused by its orbit around the earth.

The moon does not make its own light, it only reflects it.

The phases of the moon repeat in a cycle about every 28 days.

The moon is smaller than the sun but appears the same size because it's closer

NOTE- Before watching this week's video, follow the directions: After clicking the video link below, select "TRY IT FREE" in the upper right-hand of your screen. Then click "STUDENT" to watch the entire video. Be sure to only watch the video ONE time, because Generation Genius limits your access to 5 free views.

COMPLETE THE ACTIVITIES IN ORDER	1. LEARN BY WATCHING	2. LEARN BY READING	3. LEARN BY DOING	4. CHECK YOUR LEARNING
CLICK THE LINK TO COMPLETE THE ACTIVITY	moon-phases-video-for-kids	moon-phases-reading-material	moon-phases-activity-for-kids	moon-phases-quiz-game



WEEK 6: FOURTH GRADE SUMMER LEARNING

SOCIAL SKILLS: BECOMING YOUR OWN ROLE MODEL



BACK TO HOME PAGE

For an activity on becoming
your own role model, click
[HERE](#).



WITH QUESTIONS, FEEL FREE TO CONTACT:



BACK TO HOME PAGE

CONTENT

TECHNOLOGY

With questions or for support regarding the content of Summer Stretch, please contact Joyce Hunter.

If you encounter technical difficulties with district-provided devices or hotspots, please contact the TSS at your home school.



Joyce Hunter
Elementary Instructional Services
Executive Secretary
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Technology Support Service (TSS)
for **your child's school**
Click below for a school list so you can access contact information for **your child's school**
<https://www.stjohns.k12.fl.us/schools/>

NOTE: Make sure to leave a message and someone will get back with you to provide support.

