

6th Grade

SD161 Summer Learning



Weeks for Summer 2023

Week 1: June 5-9

Week 2: June 12-16

Week 3: June 19-23

Week 4: June 26-30

Week 5: July 3-7

Week 6: July 10-14





Week 1: Healthy You



Language Arts

Read the article, "[Why Do We Love Junk Food?](#)" After you finish reading, be sure to watch [the video](#).

According to "[Why Do We Love Junk Food?](#)", what things are part of the junk food design process?

Why does it take a lot of time and money to design fast food, when the food itself is fast and cheap? Use this [RACES graphic organizer](#) to structure your response.

What does the word satiety mean? Make a list of junk food that you [indulge](#) on and a list of healthy foods that [satisfy](#) you.

Challenge: Read "[Navajo nation to get first junk food tax in U.S.](#)". Is taxing junk food a good solution to decrease how much we consume? Make a list of pros and cons.

Weekly Family Challenge!

Ask an adult to cook or bake a healthy recipe together! Use a recipe you have or [check this website](#) for ideas. Post a picture of your creation to the [district Padlet!](#)

Challenge!

Sign up for a library card and visit your local library to check out some books. Enroll in your library's summer reading challenge for fun and prizes! Post a picture of you in front of your local library to the [district Padlet!](#)

Math

Get ready for statistics! Watch "[Statistics Intro](#)" and "[Mean, Median & Mode Example](#)". Calculate the mean by completing the questions [here](#).

Try this [3-Act Task](#). Watch [Act 1](#). Review the weights of the apple and the cube in Act 2. How many blocks will it take to balance the scale? Write an estimate. Check your answer by watching [Act 3](#).

Practice Number Sense, Data, Probability and Statistics with this YouCubed activity, [Leo the Rabbit](#).

For more practice with Probability/Data Analysis and Statistics check out this [Illustrations Line of Best Fit](#) game!

Challenge: Try [Waffles](#) from When Math Happens. What would happen if the frozen waffles had a 4.75 inch diameter?



Week 2: The Natural World



Language Arts

Read the article, "[A Century of Blossoms](#)."

In the article "[This summer, connect with nature](#)," what happened to the first round of Cherry Blossom Trees?

Eliza Scidmore worked for decades to get cherry blossoms planted along the Potomac River Basin. Describe a time where you refused to give up on something that was important to you.

The root word of botanical is botany. What does botany mean? What is a botanical garden?

Challenge: Visit The Chicago Botanical Garden's [website](#). Pick one of the gardens to research. What type of plants are located there?

Weekly Family Challenge!

Go on a family nature walk around your neighborhood or on your favorite trail. Write or draw about the plants, insects, and animals you saw. Take a picture on your walk or of your creation and post it to the [district Padlet](#)!

Challenge!

Match classical music to your seasonal mood! Visit [The Kennedy Center Soundtrack to the Seasons](#) to learn more!

Math

Introduction to negative numbers! Watch [this video](#) then review & practice [here](#).

[Practice](#) interpreting negative numbers. Then, [practice](#) negative numbers on the number line.

What's the Secret Code? Test your detective skills with this [YouCubed Number Sense](#) game!

Battle Okta the Octopus in this [Illuminations Deep Sea Duel](#)! Make sure to turn on the negative numbers option!

Challenge: Try [Minus Mania](#) from Tang Math for more practice with negative numbers. Can you unlock levels 4, 5 & 6?



Week 3: Communication



Language Arts

How credible is the news that you read on social media? Read [this](#) article from CommonLit to find out!

The text above explores the idea of fake news, a relatively new buzzword. How do you think social media has made it easier for false news to spread and deceive people?

Do you know how to spot fake news? Watch [this video](#) to learn how to become a “digital detective.”

Do you know how to avoid plagiarism in your own writing? Watch the video [Citation for Beginners](#). Then, research a topic of interest, write a news article, and cite your sources!

Challenge: Read “[How the News Media Works](#).” Think about receive news and the debates surrounding news today. Make a list of how media changed over time in America?

Weekly Family Challenge!

Interview a family member and ask them to share a favorite summer memory. Write a short description or take a picture with your family member and post it to the [district Padlet](#)!

Challenge!

What’s that sound?! Find out how sounds were made for the radio! Visit [The Kennedy Center DIY Old-Time Radio](#) to learn and listen!

Math

Get ready for fractions, decimals, & percentages! Watch “[Adding decimals word problem](#)” and “[Subtracting decimals word problem](#).”

Practice with decimal word problems [here](#)!

Try this [Fraction Feud](#) game from CPM. Which card has the greatest fraction area shaded?

Try this [3-Act Task: King Clutch](#). Watch [Act 1](#) and write down a guess: Who is the most clutch? Watch [Act 3](#) to check your guess. Was your guess correct?

Challenge: Try solving these [Percent Word Problems](#). Watch [this video](#) for support.

Challenge: Explore different representations for fractions with this [Illuminations Fraction Models Game](#)!



Week 4: The Arts



Language Arts

Take a Peep at This [Gallery of Historic Selfies](#).

According to [the article](#), how did people capture an image of themselves before photographing was available?

Why are people compelled to make pictures of themselves? Write a paragraph explaining your answer.

Daguerreotype was the first publicly available photographic process. Read more about some iconic daguerreotypes [here](#).

Challenge: Create an exhibit of selfies and invite your family to view them. Discuss the similarities and differences between the pictures. Remember, art is in the eye of the beholder!

Weekly Family Challenge!

Share an artistic creation or performance on the [district Padlet](#)! You can draw, paint, dance, sing, play an instrument, craft, etc. We want to see your creative talents!

Challenge!

Check out this [Interactive Orchestral Learning Experience](#) from The Kennedy Center. Learn about musical instruments from various eras, listen to their sounds and test your musical knowledge.

Math

Get ready for Geometry! Watch "[Solving an angle](#)" and "[Decomposing angles](#)."

[Practice](#) decomposing angles!

Check out this YouCubed game, [Trap the Zoid](#)! Draw your trapezoids on this [Graph Paper](#) and record your measurements on [this table](#).

Try the [Proof Without Words: Pythagorean Theorem](#) game. Do some research online to find other ways to prove the Pythagorean Theorem.

Challenge: Check out [Kakooma](#) from Tang Math. Try to complete all 6 levels!



Week 5: Red, White & Blue



Language Arts

Explore [America's Story](#) from the Library of Congress. Review primary sources and read brief articles of your choice on famous Americans, history, and the states. Try out some interactives, too!

Use the [Split Screen Organizer](#) to capture your thinking about 3 different articles from [America's Story](#).

Discover [Plate Tectonics & Our National Parks](#). Compare this to information you learned this year in science class. Use [Word Detectives](#) to explore new words.

Test your knowledge of U.S. Citizenship with the game [Sortify from iCivics](#)!

Challenge: Many people who immigrated to the United States came through Ellis Island. Read about the history [here](#).

Weekly Family Challenge!

We are a diverse nation! Create a family coat of arms that shows your cultural history. Here is a [blank template](#). Take a picture (please **do not** include your family name in the picture) and post it to the [district Padlet](#)!

Challenge!

Visit the U.S. Citizenship and Immigration Service's [website](#) for the entire list of 100 questions asked of those applying for citizenship. How many can you answer correctly? Challenge a family member or friend to answer some too!

Math

Get ready for expressions, equations, & inequalities! Watch these videos: "[Intro to combining like terms](#)," "[Distributive property over addition](#)," "[Distributive property over subtraction](#)"

Watch "[Distributive property with variables](#)." and practice [here](#).

Try this [3-Act Task: Central Park](#). Watch [Act 1](#). What percent of Manhattan is Central Park? Review Act 2 to adjust your guess. Watch [Act 3](#) to check your guess.

Compare numeric and algebraic expressions with this [Illuminations Pan Balance- Expressions](#) game!

Challenge: [Central Park 3-Act Task](#). How many people could fit, shoulder-to-shoulder in the park? How many hot dog stands could fit in the park?



Week 6: Kindness



Language Arts

Read the article, "[Teens "Using Social Media for Good Deeds."](#)"

Reflect on how you currently utilize Social Media Platforms. Could you see yourself using them as the teens in the article did, for good deeds? Explain your answer.

Pick 5 people you know and write them an anonymous affirmation. Find a way to deliver their message anonymously.

Look back in the article and reread the different ways Social Media was used for good deeds. How can you use Social Media to make a positive impact on others?

Challenge: Does being kind to others make you feel good? Read [this](#) article from CommonLit to find out! Check your comprehension at the end by answering the Assessment Questions!

Weekly Family Challenge!

Write a letter or draw a picture for a family member, friend, teacher, or community helper saying what you appreciate about them! Here's a [friendly letter and envelope template](#). Post a picture of you writing or mailing your letter to the [district Padlet](#)!

Challenge!

Visit the Random Acts of Kindness Foundation's [website](#). Pick one of the shared stories to read or share your own story! How can you spread kindness?

Math

Get ready for rates & proportional relationships! Watch "[Equivalent ratios](#)" and "[Equivalent ratios: recipe](#)."

Practice with equivalent ratios [here](#)!

Practice your coin counting skills with this Tang Math Game, [Coin Bubbles](#)!

Try this [3-Act Task: Thumbs on Fire](#). Watch [Act 1](#) Write an estimate. Check your answer by watching [Act 3](#). Can you identify an equation that would work for any word essay?

Challenge: Watch "[Equivalent ratio word problems](#)." Try [these](#) basic Equivalent ratio word problems and then try [these](#) advanced Equivalent ratio word problems.

Additional Resources

Please check these sites for updated community events and resources for the summer:

- ✗ [Flossmoor Public Library](#)
- ✗ [Homewood Public Library](#)
- ✗ [Chicago Heights Public Library](#)
- ✗ [Grand Prairie Public Library](#)
- ✗ [Homewood-Flossmoor Park District](#)
- ✗ [Chicago Heights Park District](#)
- ✗ [Village of Flossmoor](#)
- ✗ [Village of Homewood](#)
- ✗ [City of Chicago Heights](#)
- ✗ [Homewood Science Center](#)
- ✗ [Map of Little Free Libraries in the area](#)



Don't forget to follow these social media handles to learn more about events happening in your community!

Instagram Handles

@flossmoorlibrary

@homewoodpublic

@gpplillinois

@chicagoheightslibrary

@hfparkdistrict

@chicago_heights_park_district

@flossmoorvillage

@village_of_homewood

@homewoodsciencecenter

