

5th 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















# Math Digital Work Place Tip!

## Work Place Instructions 5A Circles & Squares Race to Twenty

- 1 Partners determine which player is the circle and which is the square. Circles go first.
- 2 Player 1 rolls the die and covers that many circles on the goame board.  
(Example: If a 2 is rolled, 2 circles are covered.)
- 3 Player 2 rolls the die and covers that many squares on the game board.
- 4 Before starting the next round, both players compare where they are on the number line. They answer the questions:  
- Who has more?

Choose the next pages to go from the directions to the game.

### Help

	Switch between English and Spanish.		Enter text using your keyboard.
	Hide or show the side tray if it's present.		Open drawing tool.
	Move toolbar to top or bottom.		Delete selected items.
	Zoom pages in or out.		Clear work and start over.
	Add a resizable cover to hide or show items.		Select to view other pages.
	Open a keypad for creating expressions and equations. Keyboard also works.		View additional resources.

The first player to reach 20 exactly wins the game.

### Game Variations

Players use a die dotted 1-6.

Players play only to 10.

After reaching 20, players play the game backward to 0, subtracting the amount rolled.

Click the "i" icon to see what the different icons look like and their function.



# Week #1: Healthy You



## Language Arts

Read the [DOGO News article about gut health](#). Choose 3-5 of the blue vocab words and complete the [Word Detectives Activity](#)!

Are you getting enough sleep? Check out [this article](#) from CommonLit to find out!

[Read this article](#) about food pyramids. **Challenge:** Create your own healthy weekly meal plan [here](#)!

[Read this Tween Tribune article](#) about Non-Perishable Food Powder. Write: Why is FoPo powdered? Would you try it? Why or why not?

Take care of yourself using this [Mood & Mindfulness Journal](#)!

## 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

["Math At Home" Snack Attack activity!](#) Try the challenge/ follow up!

Practice pages 32-33 of the [Bridges Math Practice Book](#).

Play the [Illuminations Fractions Game](#)!

Complete the ["NumTanga" page in the Tang Math Summer Fun pack!](#)

**Challenge:** How could you adapt [this recipe](#) to make one batch or just one dozen cookies? **Challenge:** [Visit this link](#). What percentage of the daily recommended protein intake for your age does the above chocolate chip cookie recipe have?



# Week #2: The Natural World



## Language Arts

Read the [DOGO News article about glow in the dark plants](#). Summarize using the [4-2-1 graphic organizer](#)!

How realistic are fire-breathing dragons? Check out [this article](#) from CommonLit to find out!

Read [this article about food waste](#) and how it affects our environment. Use this [RACES organizer](#) to answer “how does wasting food negatively affect our environment?”

[Check out this video](#) on drawing sounds and create your own! **Challenge:** Find items in nature to make your sounds.

[How can we help our Earth?](#) **Challenge:** Try to do at least three items you listed!

## Weekly Family Challenge!

Go on a 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

Design a trail map. Label it with features that occur at regular fractional intervals on the trail. How long is the trail? What are the features? How many of each feature does your trail include?

## Math

[“Math At Home” Ling's Hiking Trail!](#)  
Try the follow up activity!

Practices pages 46-47 of the [Bridges Math Practice Book](#).

Complete this [Camping Tent Activity](#) from the math learning center!

**Challenge:** With permission, use the internet to look at tents that are available for sale at stores near you. Would any of them meet the needs of Cori and her friends? Which one would you recommend purchasing?

Complete the [“Snake” page in the Tang Math Summer Fun pack!](#)





# Week #3: Communication



## Language Arts

Read the [DOGO News article about Infant Communication](#). Choose 3-5 of the blue vocab words and complete the [Word Detectives Activity!](#)

[In this article](#) you will learn about the unique friendship Helen Keller had with Dogs and how they helped her overcome communication setbacks.

Write and send a postcard to a friend or family member about your real or imagined plans for the summer [here!](#)

**Challenge:** [Watch this video](#) about oral storytelling and then create your own video six-word story!

[Watch this Helping others video!](#)

[When have you helped someone writing.](#)

## 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!

Become a Master Code Breaker on the National Geographic Kids Explorer Academy [here!](#)

## Math

["Math At Home" Shared Winnings!"](#) Try the follow up activity!

**Challenge:** Write an argument justifying your choice to the "Shared Winnings" activity.

Practice pages 18-19 in the [Bridges Math Practice Book](#).

**Challenge:** Write your own math word problem involving time and money. Share with a friend to solve!

Complete the ["Kakooma Times" page in the Tang Math Summer Fun pack!](#)

Visit the MLC Vocabulary cards [here](#). Pick five words to study. Make a video of yourself explaining or teaching these words to a friend!



# Week #4: The Arts



## Language Arts

Read the [DOGO News article about music and mental health!](#) Choose 3-5 of the blue vocab words. Complete the [Word Detectives Activity!](#)

One person's trash is another's treasure! Read about one artist's [solution to reducing trash](#).

Watch [this video](#) and create your own comic strip with [this template](#)! Include both words and pictures.

Learn how to rap! [Check out this video](#) and write your own introduction rap using Harold's template!

**Challenge:** Visual Trickery! [Check out this video](#) Create your own Lenticular Image.

## 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 talents!

## Challenge!

Research a famous painting or image and recreate it using laundry art! [Click here to see an example.](#)

## Math

["Math At Home" Make Your Own Spinner!](#) **Challenge:** Create a math board game to go with your spinner! [Click here for a game template!](#)

Play the [Product Game](#) on the Illuminations website!

Practices pages 10-12 in the [Bridges Math Practice Book](#).

**Challenge:** Stephanie and Emma are trying to gain pledges for "Run for the Arts" (see above p. 10 ).. Design a flyer with information advertising the run for the community.

[Get Ready for 6th Grade with equations, expressions, and inequalities in Khan Academy!](#)



# Week #5: Red, White, & Blue



## Language Arts

Read the [DOGO News article about National Ice Cream Month!](#)

Complete the [Window Notes](#) activity to make connections to your reading.

Learn more about the founding of democracy in [this article](#) from CommonLit.

**Challenge:** Choose one or more of [these journal prompts about 4th of July to write](#) about!

Write a postcard to someone from the Statue of Liberty using [this factsheet!](#)

Create an acrostic poem using the word AMERICA [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!

Read about the history of different country flags. Choose a flag and list 3-5 facts that you learned.

## Math

Complete the mystery graph picture by [clicking here!](#)

Try this Math At Home “Popsicle Stand” activity [here](#). **Challenge:** Morgan’s customers thought the popsicles were too small. How would your answers change if Morgan made larger popsicles with  $\frac{3}{4}$  cup of juice instead of  $\frac{1}{4}$  cup of juice?

Complete this [Ice Cream Scoop Activity](#) **Challenge:** How many combinations of 2 scoop cones could there be with 12 flavors?

Complete the [DigiCross page of in the Tang Math Summer Fun Pack](#)

[Watch this video on area model!](#) Try some one your own!





# Week #6: Kindness



## Language Arts

Read the [DOGO News article about music and mental health!](#) Choose 3-5 of the blue vocab words & complete the [Word Detectives Activity!](#)

Read the "[Model Millionaire](#)," a story about an average man whose generosity produces an unexpected outcome.

[Watch this Pep Talk video from Kid President.](#) **Challenge:** Write 3 positive affirmations to someone in your life.

[Use this template to write 10 things you like about yourself!](#)

[Read this page](#) about being an upstander. Create a [poster](#) with the most important ways you can stomp out bullying.

## 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!

[Try to complete as many of these acts of kindness as you can!](#) See if you can challenge a family member, sibling, or friends to also participate.

## Math

Try this [Math At Home Pizza Dough activity!](#) **Challenge:** Test the recipe and plan to make your own at home pizza. List what other ingredients you may need and visit a grocery store website to figure out the cost.

Practice pages 132-133 in the [Bridges Math Practice Book](#).

Try this [Youcubed My Heart activity](#)

Color or write a thoughtful affirmation for a friend or family member.

Complete the [Equato page of in the Tang Math Summer Fun Pack](#)

Check out the [Illuminations Cube Nets activity!](#)

# Additional Resources

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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**

