



# RSU 57

- Waterboro
- Alfred
- Lyman
- Line
- Shapleigh
- Massabesic Middle
- Massabesic High

## Continuous Learning **LEARNING MENUS**

**MATH**

**LITERACY**

**SPECIALS**

### **Printables**

Week 2



# RSU 57

- Waterboro
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# MATH

## Printables

Week 1

# LEARNING MENU

MATH & STEM

GRADE 4

★ = EVERYDAY ITEMS

1 ★

Fact practice as directed by teacher (XtraMath, IXL, Everyday Math games)

2

IXL Diagnostic or (Math Y.1-4 or Math Z.1-6)

3

Play [Simon Says Geometric Terms](#)

4

Math journal (as assigned by teacher) or worksheets:  
[Classifying Angles Worksheet](#)  
[Classifying Quadrilaterals Worksheet](#)  
[Classifying Triangles Worksheet](#)  
[Symmetry Worksheet](#)

5

Weekly Esti-Mystery:  
[Daily Clue](#)  
Submit all estimates on Friday.  
Monday reveal!

6

Find pictures of [geometry vocab](#) in nature:

*Point, end point, ray, line segment, line, perpendicular lines, parallel lines, vertex, acute angle, obtuse angle, right angle, degrees, protractor, symmetry, symmetrical*

7

Watch your continued learning video assigned by your teacher

8

[Geometry Activity](#)

9

Watch the [Brainpop video](#) and complete the activities that follow.

10

Read the Epic collection about angles (as assigned by your teacher).

11

Maybe you've heard about the appendix? It's a body part that humans can live without! Why then, do we have it? What other body parts do you think humans might be able to live without?

[Click for details.](#)  
[Watch Video](#)

12

Imagine a person has become injured while hiking on a remote wilderness trail. There is no way for an ambulance or helicopter to safely rescue them. Instead...[click for details.](#)



## Key Geometry Terms

POINT

END POINT

RAY

LINE SEGMENT

LINE

PERPENDICULAR LINES

PARALLEL LINES

VERTEX

ACUTE ANGLE

OBTUSE ANGLE

RIGHT ANGLE

DEGREES

PROTRACTOR

SYMMETRY

SYMMETRICAL

# Simon Says Geometric Terms

M.4-3

## Directions:

- Choose one person to start as the leader.
- The leader will say, "Simon says be a \_\_\_\_\_!" (stating one of the geometric terms listed on the choice card)
  - For example the leader might say, "Simon says be a point!"
- The leader looks around to see if all players are accurately acting out that geometric term.
  - Anyone who is correct continues in the game.
  - Anyone who is incorrect sits down.
- The last person standing is the next round's leader.



Name: \_\_\_\_\_

Geometry Activity

Choose a room in your home. Create a list of the shapes you see.

Choose three shapes that you found and complete the table below:

|   |  |
|---|--|
| <b>Name of shape you found:</b>                 |  |
| List attributes for the shapes.                 |  |
| What kinds of angles does your shape have?      |  |
| How many lines of symmetry does the shape have? |  |

|   |  |
|---|--|
| <b>Name of shape you found:</b>                 |  |
| List attributes for the shapes.                 |  |
| What kinds of angles does your shape have?      |  |
| How many lines of symmetry does the shape have? |  |

|   |  |
|---|--|
| <b>Name of shape you found:</b>                 |  |
| List attributes for the shapes.                 |  |
| What kinds of angles does your shape have?      |  |
| How many lines of symmetry does the shape have? |  |

Name: \_\_\_\_\_

Maybe you've heard about the appendix? It's a body part that humans can live without! Why then, do we have it? What other body parts do you think humans might be able to live without? Make a list of your ideas. Next to each body part on your list, explain why you think humans could live without it. Once you've finished your list and descriptions, explore Wonderopolis Wonder of the Day #2480. What is the most interesting thing you found out? What do you wonder? How could you find out more?

Video: [bit.ly/4134box11M](https://bit.ly/4134box11M)

Name: \_\_\_\_\_

Imagine a person has become injured while hiking on a remote wilderness trail. There is no way for an ambulance or helicopter to safely rescue them. Instead emergency workers will somehow need to carry out the injured person. You will take on the role of a biomedical engineer to build a device that can be used to carry out an injured person from a mountain forest area.

Use the steps of the engineering design process (ask, imagine, plan, create and improve) to design and build your device. Instead of building a full size device for a real person, you will build a model and use a potato or some other heavy object to represent a person. The device should be able to carry an injured person (potato) and can be built from materials you have around the house.

As you plan, think carefully about the kinds of materials that work best for holding an injured person safely -what properties do these materials have? What important features does your device need to have to keep the person secure and stable? How will you design your device so that you can get it up the mountain through the forest to the injured person? How will you know your device is successful? When you're done, draw a picture of your completed solution or take a picture. Explain to someone else how you solved this problem and share one way you could improve your device if you built it again.

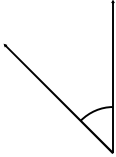
## Classifying angles (acute / obtuse / right)

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### Grade 4 Geometry Worksheet

Classify the angles as acute, obtuse or right.

1.



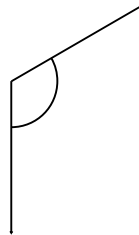
\_\_\_\_\_

2.



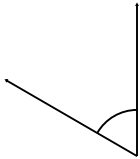
\_\_\_\_\_

3.



\_\_\_\_\_

4.



\_\_\_\_\_

5.



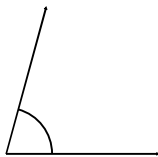
\_\_\_\_\_

6.



\_\_\_\_\_

7.



\_\_\_\_\_

8.



\_\_\_\_\_

9.



\_\_\_\_\_

## Classifying quadrilaterals (square / rectangle / rhombus / parallelogram / trapezoid)

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### Grade 4 Geometry Worksheet

Classify the quadrilaterals.

1.



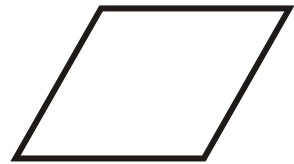
\_\_\_\_\_

2.



\_\_\_\_\_

3.



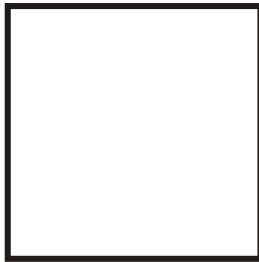
\_\_\_\_\_

4.



\_\_\_\_\_

5.



\_\_\_\_\_

6.



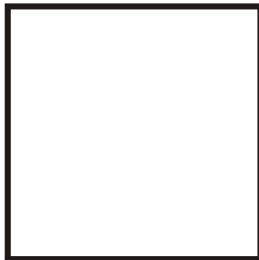
\_\_\_\_\_

7.



\_\_\_\_\_

8.



\_\_\_\_\_

9.



\_\_\_\_\_

# Classifying triangles (equilateral / isosceles / scalene / right)

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## Grade 4 Geometry Worksheet

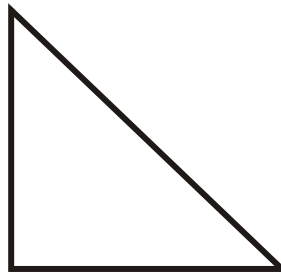
Classify the triangles.

1.



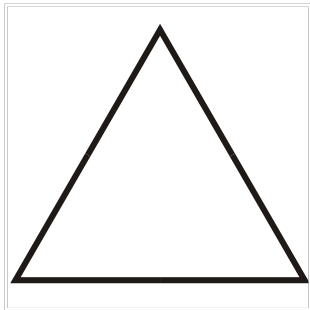
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2.



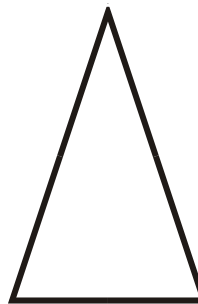
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3.



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4.



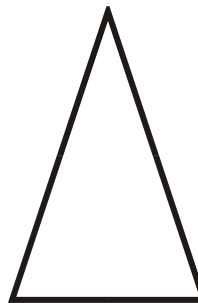
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5.



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6.



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## Classifying triangles (equilateral / isosceles / scalene / right)

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### Grade 4 Geometry Worksheet

Classify the triangles.

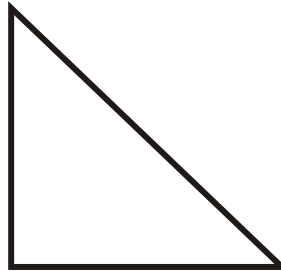
1.



Scalene Triangle

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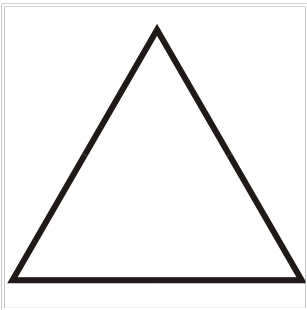
2.



Right Triangle

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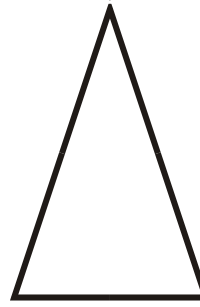
3.



Equilateral Triangle

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4.



Isosceles Triangle

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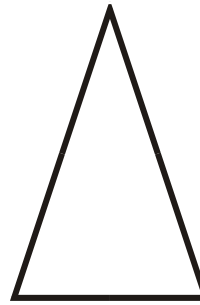
5.



Scalene Triangle

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6.



Isosceles Triangle

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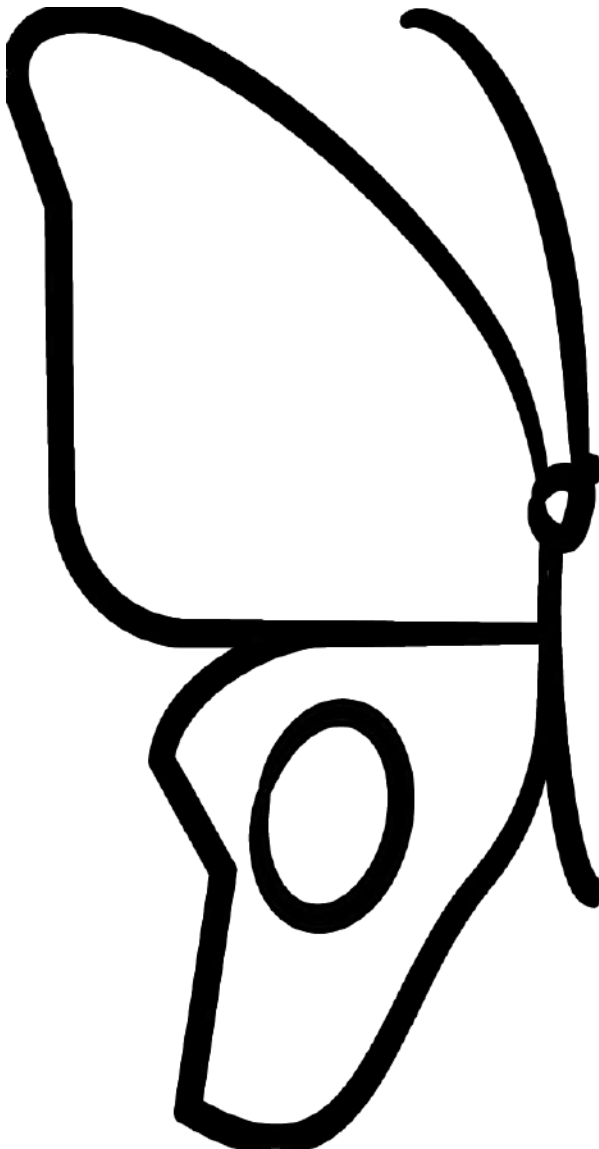


## Lines of symmetry

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### Grade 4 Geometry Worksheet

Draw a picture of an object that has at least one line of symmetry. Draw the line(s) of symmetry on your picture.





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# LITERACY

**Printables**  
Week 1

# LEARNING MENU *LITERACY*

GRADE 4

1 ★

Read to self for 20 minutes or more daily.



2

Listen to a story/book read by your teacher or librarian.



3 ★

**Word Work:** See your teacher for your assignment.



4

Raz Kids, NewsELA, or Reading Plus- Choose a book/story and answer the questions after you read, then send your teacher a screenshot of your results.



5

IXL ELA Grade 4 Topic or Diagnostic



6

**American Revolution Box:**  
Watch Liberty Kids Episode 1: The Boston Tea Party & complete the exit slip.

[Liberty Kids: The Boston Tea Party](#)

[Exit Slip](#)



7

**Time Capsule Book:**  
complete 1 page of your choice and take a photo and submit to your teacher.

[Time Capsule Book link](#)



8

**Fluency Box:**  
Read a picture book, take a picture of one page and record your reading and submit to your teacher.



9

**Figurative Language Box:**

1. Watch BrainPop video on Similes and Metaphors [Brain Pop](#)
2. Take the Quiz
3. Take a screenshot of your results to send to your teacher.



10

Create a video trying to persuade people to spend more time outside. When you write your script include reasons and evidence. Here is a template that may help with your thinking: [Template](#)



11

Write in your social distancing journal and submit to your teacher.



12

Write a Friendly Letter to someone special.

[Letter Template](#)



Check our website daily for additional remote learning supports: [bit.ly/rsu57remote](https://bit.ly/rsu57remote)



4

# 3-2-1

NAME:

TITLE & AUTHOR:

3 THINGS I LEARNED WHILE READING...

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_

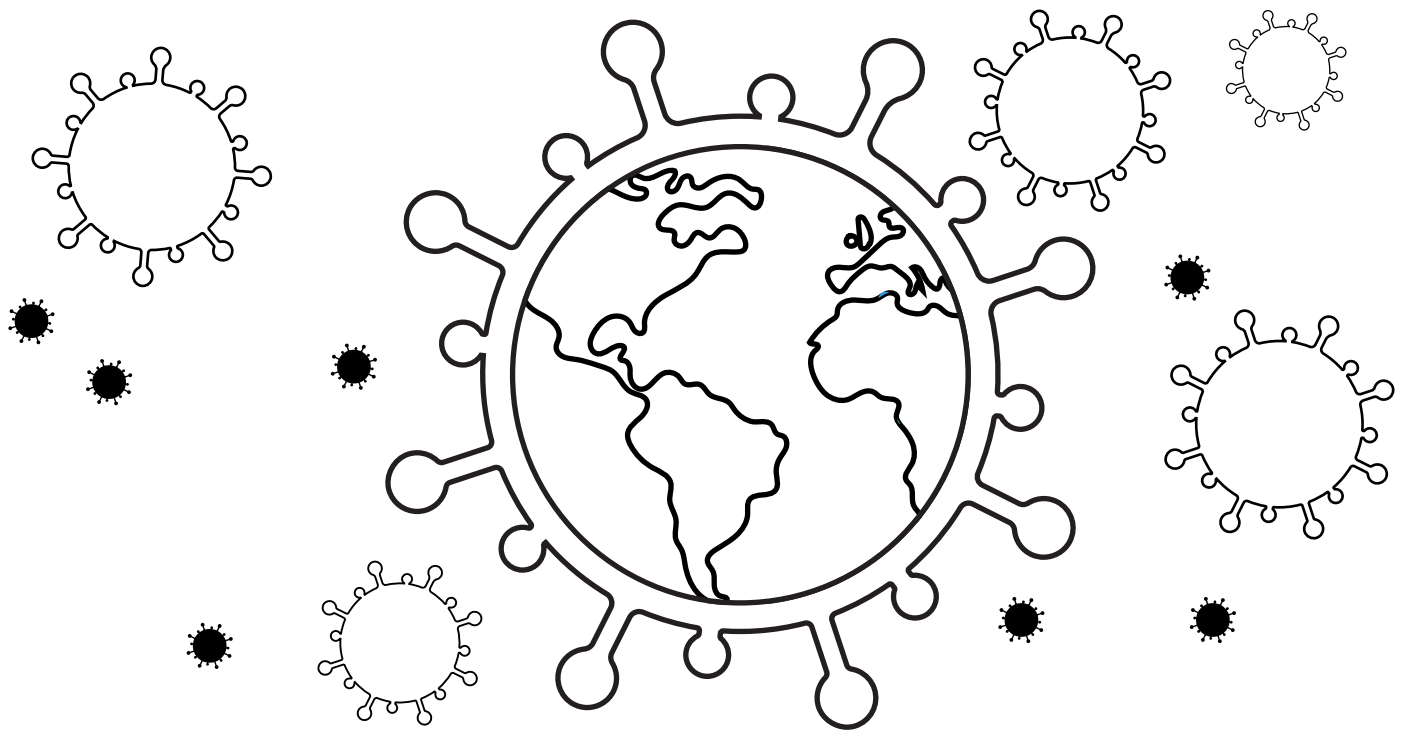
2 INTERESTING FACTS...

1. \_\_\_\_\_
2. \_\_\_\_\_

1 QUESTION I STILL HAVE...

1. \_\_\_\_\_

# MY 2020 COVID-19 TIME CAPSULE

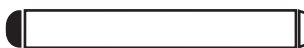


BY: \_\_\_\_\_

# YOU ARE LIVING THROUGH HISTORY RIGHT NOW

TAKE A MOMENT TO FILL IN THESE PAGES FOR YOUR FUTURE SELF TO LOOK BACK ON. AND HERE ARE SOME OTHER IDEAS OF THINGS TO INCLUDE:

- |  |   |
|--|---|
| <input type="checkbox"/> SOME PHOTOS FROM THIS TIME        | <input type="checkbox"/> ANY ART WORK YOU CREATED |
| <input type="checkbox"/> A JOURNAL OF YOUR DAYS            | <input type="checkbox"/> FAMILY / PET PICTURES    |
| <input type="checkbox"/> LOCAL NEWSPAPER PAGES OR CLIPPING | <input type="checkbox"/> SPECIAL MEMORIES         |



DRAW A PICTURE OF THE PEOPLE YOU ARE SOCIAL DISTANCING WITH HERE

# ♥♥ ALL ABOUT ME ♥♥

I AM

\_\_\_\_\_  
YEARS  
OLD

I STAND

\_\_\_\_\_  
INCHES  
TALL

I WEIGH

\_\_\_\_\_  
POUNDS

SHOE SIZE

\_\_\_\_\_

## MY FAVORITES

TOY: \_\_\_\_\_

COLOR: \_\_\_\_\_

ANIMAL: \_\_\_\_\_

FOOD: \_\_\_\_\_

SHOW: \_\_\_\_\_

MOVIE: \_\_\_\_\_

BOOK: \_\_\_\_\_

ACTIVITY: \_\_\_\_\_

PLACE: \_\_\_\_\_

SONG: \_\_\_\_\_

## MY BEST FRIEND/S:

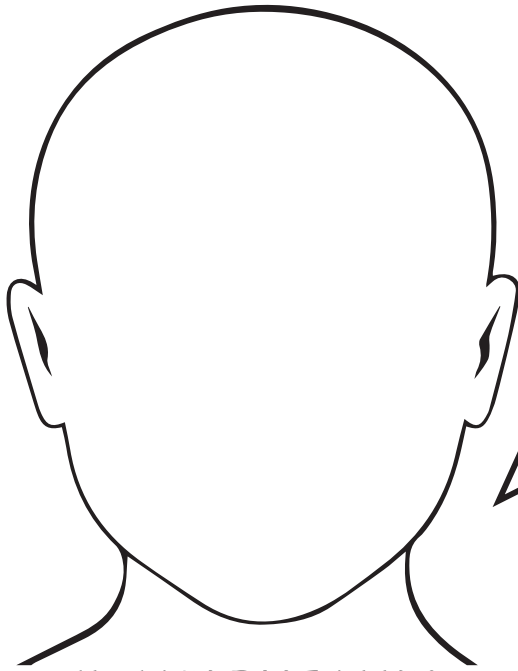
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## WHEN I GROW UP I WANT TO BE:

\_\_\_\_\_  
\_\_\_\_\_

DATE:

# HOW I'M FEELING



HOW MY FACE LOOKS



I AM MOST THANKFUL FOR

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WORDS TO DESCRIBE HOW I FEEL:

WHAT I HAVE LEARNED MOST  
FROM THIS EXPERIENCE:

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THE 3 THINGS I AM MOST EXCITED TO DO WHEN THIS IS OVER:

1

---

---

---

2

---

---

---

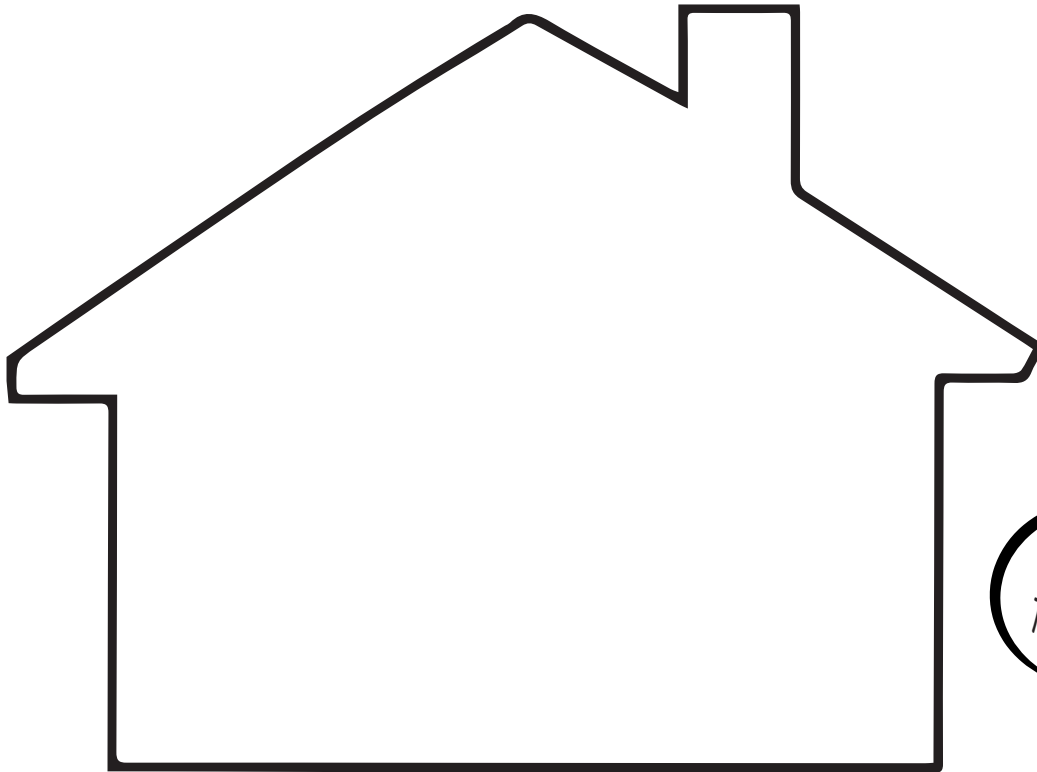
3

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---

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# MY COMMUNITY



COLOR THIS HOUSE  
TO LOOK LIKE YOURS

WHERE I AM LIVING DURING THIS TIME:



WHAT THINGS ARE YOU DOING TO HELP FEEL CONNECTED/HAVE FUN  
OUTSIDE (e.g hearts in windows, chalk notes on sidewalk, etc)

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HOW ARE YOU CONNECTING WITH OTHERS?



YOU ARE NOT STUCK AT HOME,  
YOU ARE SAFE AT HOME!



WHAT I AM DOING  
TO KEEP BUSY:

# OUR HANDPRINTS



PRINT THE HANDS OF ALL THE PEOPLE LIVING IN YOUR HOME  
(IN DIFFERENT COLORS) AND PLACE YOUR HANDS HERE



# SPECIAL OCCASIONS

WHAT OCCASIONS DID YOU CELEBRATE DURING THIS TIME?  
WRITE THE LIST DOWN HERE AND WHAT YOU DID TO CELEBRATE  
(E.G. ST. PATRICK'S DAY, EASTER, BIRTHDAYS, ANNIVERSARIES)

| EVENT | DATE | HOW YOU CELEBRATED |
|-------|------|--------------------|
|       |      |                    |
|       |      |                    |
|       |      |                    |
|       |      |                    |
|       |      |                    |
|       |      |                    |
|       |      |                    |
|       |      |                    |

# LETTER TO MYSELF

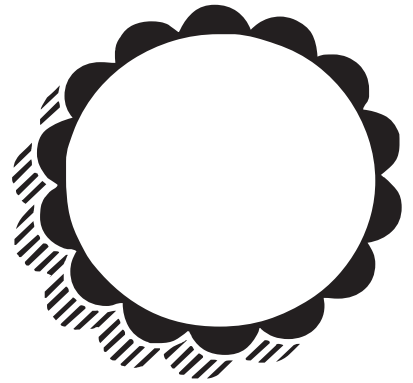
DEAR,

LOVE,

# INTERVIEW YOUR HOUSEHOLD

WHAT HAS BEEN THE BIGGEST CHANGE?

HOW ARE YOU FINDING HOMESCHOOLING?



DAYS SPENT INSIDE

HOW ARE YOU FEELING?

YOUR TOP 3 MOMENTS FROM THIS EXPERIENCE:

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_

WHAT ACTIVITIES/HOBBIES HAVE YOU MOST ENJOYED DOING?

WHAT ARE YOU MOST THANKFUL FOR?

WHAT TV SHOW YOU WATCHED : \_\_\_\_\_

YOUR NEW FOUND FAVORITE INSIDE HOUSEHOLD ACTIVITY:

\_\_\_\_\_

FAVORITE FOOD TO BAKE: \_\_\_\_\_

FAVORITE TIME OF DAY: \_\_\_\_\_

GOAL/S FOR AFTER THIS:

# LETTER FROM YOUR HOUSEHOLD

DEAR,

LOVE,

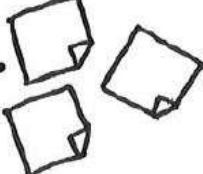
Name: \_\_\_\_\_

L.4-10



∞ I take the position that...

∞ My first reason for this is.... My evidence for that is... 

∞ My second reason is that.... My evidence for that is that.... Also .... 

Name: \_\_\_\_\_

# Friendly-Letter Organizer



\_\_\_\_\_  
 \_\_\_\_\_ (Your school name)  
 \_\_\_\_\_  
 \_\_\_\_\_ (Your school address)  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_ (Today's date)

**Dear** \_\_\_\_\_, (Person you are writing to)

**Introduction:** Tell who you are and why you are writing this letter.

**Paragraph:** Include the information that you would like to tell your reader.

**Ending:** Finish by thanking the person for reading your letter.

\_\_\_\_\_ **Closing**, (examples: Sincerely, Yours truly)  
 \_\_\_\_\_ (Your name)

**FROM:** \_\_\_\_\_

**Address** \_\_\_\_\_

**City, state, zip code** \_\_\_\_\_



**TO:** \_\_\_\_\_

**Address** \_\_\_\_\_

**City and state** \_\_\_\_\_

**Zip code** \_\_\_\_\_



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# SPECIALS

**Printables**  
Week 1

# LEARNING MENU SPECIALS

GRADE 4

1

Time for an adventure! Let's go on a scavenger hunt:  
<https://bit.ly/PEhunt>



2

W.O.W (Workout of the Week): Wednesdays with Mrs. Person at 11:00:  
<https://rsu57.zoom.us/j/298414629>



3

OPEN Challenge: Remember when bottle flipping was all the rage..well it still is! All you need is a plastic bottle and water! Try this:  
<https://bit.ly/PEatHOME>



4

Art

Find an artist or artwork on the Tate Museum website. that inspires you. Send your art teacher a message or a video explaining why it inspires you.  
<https://bit.ly/MuseumExplore>



5

Art

SuperHero Drawing

Directions:  
<https://bit.ly/4and5directions>



6

Art

Joan Miro

<https://bit.ly/JoanMiroYouTube>

Directions:  
<https://bit.ly/4and5directions>



7

Song Maker: Experiment with patterns and melodies using SongMaker.  
<https://bit.ly/SONGMAKER>  
Share your composition with your music teacher!



8

Listening Log: Select a song from  
<https://bit.ly/ListeningPlaylist>  
then complete the listening log found either in Google Classroom or SeeSaw.



9

Play the song "Hot Cross Buns" or "Mary Had a Little Lamb" on water glasses in your home. See your music teacher for more detailed instructions and tips to be successful! Send a video of your song to your music teacher!



10

Listen to this video:  
<https://bit.ly/DestinyLib>  
Pick out a book and share with your librarian what you are reading.



11

**Internet Traffic Light**

Video:  
<https://safeyoutube.net/w/YqL4>

Activity:  
<https://bit.ly/SafetyActivity>



12

Check out  
[https://bit.ly/Give\\_Me5](https://bit.ly/Give_Me5)  
and  
<https://bit.ly/57Guidance>  
for more tools to handle big feelings.



Please choose from **ONE** of the following lessons to work on over the course of two or three half-hour weekly sessions.

### Recycled Sculptures

Joan Miro is an artist that is known for using organic shapes to create abstract paintings and sculptures.

Week 1: Collect some recyclables and create some sketches on how you want to use your recyclables to create a sculpture.

Week 2: Using your collection of recyclable materials, create a sculpture inspired by Joan Miro's work. Upload your finished product to send to your art teacher. Here's a link that explains more about Miro's life and work:

<https://www.youtube.com/watch?v=NQLk66KorOg>

Here's some examples:



## Tate Museum Field Trip

Find an artist or artwork on the Tate Museum website. that inspires you. Send your art teacher a message or a video explaining why it inspires you.

<https://www.tate.org.uk/kids/explore>

## Superhero Design

Week 1: Brainstorm superpowers that you would like to have. Maybe you will be solving a problem, helping someone, or simply making a task a little bit easier. Sketch yourself as a superhero. Add details to your costume that help support your superpower. Does he have a sidekick?

Week 2: Create a background that supports your characters superpower.



## Comic Strips

Illustrate a comic strip that has a beginning, middle, and end. Here's a link to a free printable comic strip template:

<https://frugalfun4boys.com/printable-comic-strip-templates/>

Week 1: Sketch your characters, it may be helpful to have two or three, so they can interact. You can use the super hero that you created. Think about what type of personality and look each of the characters would have. Spend the time working on this before moving into setting and action.

Week 2: Sketch your settings, create action and story.

Week 3: Finalize your sketches and color it in!

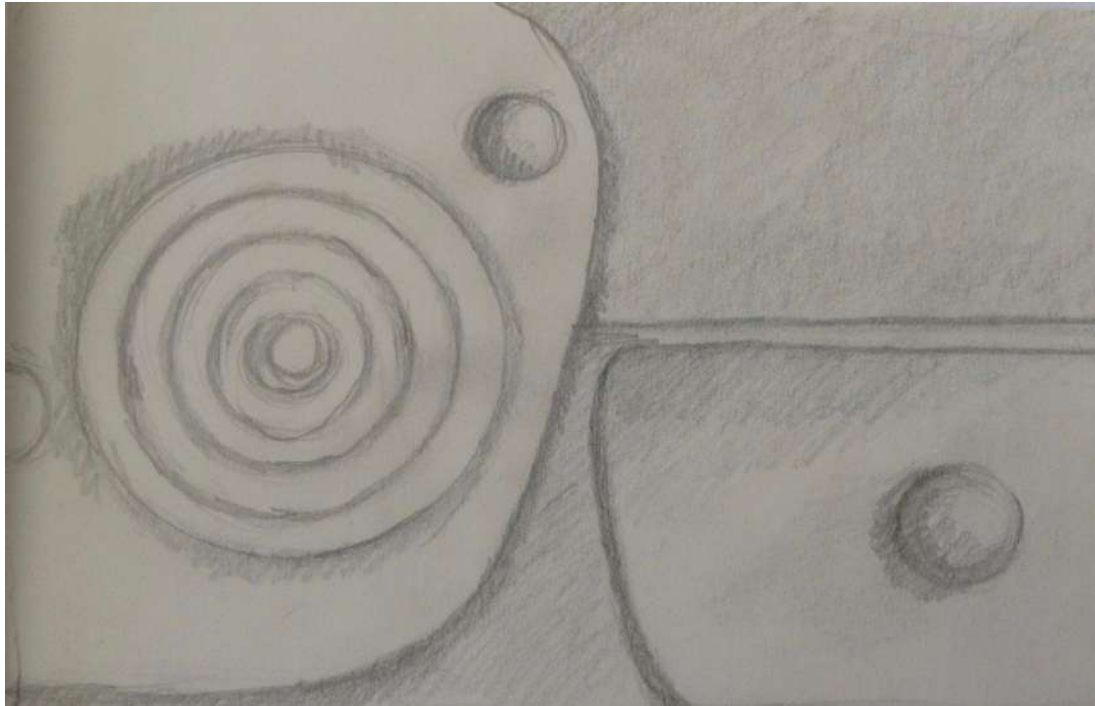
### Zoom In ! What is this?

Zooming and cropping is a technique that is often used to build drawing skills. Zooming is when you look carefully at the details of your subject and make them larger.

Cropping is when you only draw ONE section of an object.

Week 1: Use your iPad to zoom in on an object in your house, a tool, kitchen utensil, toy, or anything that has interesting shapes and lines in close up. Take a photo of a part of that object. Do a drawing of your photo, go lightly with pencil, sketching and capturing large shapes and lines. You can add details as you draw. Take a picture of your drawing and send it to your art teacher. Do you think others can identify your object?

NEXT WEEK: Draw the whole object for your reveal!



Name: \_\_\_\_\_

Grade: \_\_\_\_\_

What song did you listen to?

Was there someone singing?

Describe the ensemble (group of musicians) that performed the song. What instruments did you hear? Was it a large group or a small group?

Circle the tempo/speed of the song:

Fast

Medium

Slow

What did the song make you think of? How did it make you feel?

Anything else you would like to share about the song you chose?

## Playing a Known Song on Water Glasses

For this activity, you will be using 3 water glasses/bottles to play either the song, “Hot Cross Buns” or “Mary Had a Little Lamb.” If you want, try playing the song on different glasses, directions below. ***Send your music teacher a video of your work, we would love to see it!***

Materials:

- 3 water glasses/glass bottles/wine glasses
- A metal or wooden spoon
- Water

Fill the first glass with a little water, fill the second glass about halfway, and fill the third glass almost full of water.

### Water Glasses

**Gently** tap on the side of each glass to make a sound. Try playing “Hot Cross Buns” or “Mary Had a Little Lamb” on the glasses. You can experiment with more or less water in your glasses to make it sound more in tune. Check out the videos below for other examples.

<https://www.youtube.com/watch?v=t26-nbRs2KY>

### Glass Bottles

Fill the bottles the same way as the water glasses. Gently blow straight over the top of the bottles to make the sound. Try playing “Hot Cross Buns” or “Mary Had a Little Lamb” on the glasses. Experiment with what direction you are blowing to get the best sound. Also, you can experiment with more or less water in the bottles to make it sound more in tune. Check out the example below.

<https://www.youtube.com/watch?v=G0RF7UcyJO0>

### Wine Glasses

Fill your wine glasses the same way as the water glasses. Gently wet your pointer finger and shake off the excess water. Gently run your pointer finger around the rim of the wine glass. It should make a light, ringing sound. Try playing “Hot Cross Buns” or “Mary Had a Little Lamb” on the glasses. Experiment with adding a very slight amount of pressure to make the best sound. Also, you can experiment with more or less water in the glasses to make it sound more in tune. Check out the example below. This is the toughest one to do, so if you can’t figure this one out, try one of the other ways!

[https://www.youtube.com/watch?v=NJ-O\\_nfOhDY](https://www.youtube.com/watch?v=NJ-O_nfOhDY)

## Family Outdoor Scavenger Hunt

### Directions:

Play as either an individual against others in your family or as a big family team and see how many points you can earn by completing the different challenges. If you complete one, check it off in the column on the right. Set an agreed-upon time limit for the game before you start. At the end of the time limit, add up your points and see how many you/your team earned. Good luck!

| 100 POINT CHALLENGES   | COMPLETED? |
|--|------------|
| Find a rock bigger than your fist.   |            |
| Perform 5 different balance poses at 5 different trees. Hold each pose still for 5 seconds.                |            |
| Act out your favorite animal in the wild and have a family member be able to correctly guess what you are. |            |
| Roll sideways down a small hill.   |            |
| <b>SUBTOTAL OF POINTS:</b>   |            |

| 200 POINT CHALLENGES  | COMPLETED? |
|---|------------|
| Run in a zig-zag pathway by weaving around 10 different trees.                            |            |
| Find a pinecone and self-toss and catch it 30 times.                                      |            |
| Hang from a low tree branch using both hands for 5 seconds with your feet off the ground. |            |
| Find a rock, lay it on the ground and cartwheel over it 5 times.                          |            |
| <b>SUBTOTAL OF POINTS:</b>  |            |

| 300 POINT CHALLENGES  | COMPLETED? |
|---|------------|
| Build a small tipi out of sticks that will remain standing all by itself.   |            |
| Find 9 leaves and use them to create your own hopscotch board. 2 leaves side by side = 2 feet, 1 leaf by itself = 1 foot. Show off your jumping and hopping skills to get across! |            |
| Find a stick and draw a picture of something that makes you happy in the dirt with it.  |            |
| Use the sun to help you figure out which way is north, south, east and west. Label the directions on the ground using rocks to spell out each cardinal direction.                 |            |
| <b>SUBTOTAL OF POINTS:</b>  |            |

**TOTAL POINTS:** \_\_\_\_\_

# That's Private!

Sometimes we want to share things about ourselves on the internet. **Personal Information** would be okay to share, but **Private Information** is not okay to share online without permission from a Trusted Adult.

Personal....Private...What's the difference?!

**Personal Information** tells information about you that could also be true about a lot of other people. It can't be used to identify you.



**Private Information** tells information that can be used to identify you.



My full name, address, and date of birth are private!



My favorite food and my age are personal information!



# Keep It Private!

NAME \_\_\_\_\_

DATE \_\_\_\_\_

## Part I Directions:

Draw an X through the sections that ask for private information. Then complete the rest of the form.

### Sign up for SongTube! Fill out this form to start making music!

**Full Name**  
  
 First

Last

**What kind of music do you like?**  
☐ Pop    ☐ Country    ☐ Hip Hop  
☐ Rock    ☐ Jazz    ☐ Other

**Nickname**

**Home Address**

**Birthdate**

**School Name**

**What is your favorite song?**

**Do you play an instrument? If yes, what do you play?**

**Upload Your Picture!**

**Parent /Caregiver Phone Number**  
 -  -



PRIVACY &amp; SECURITY

We care about  
everyone's privacy.