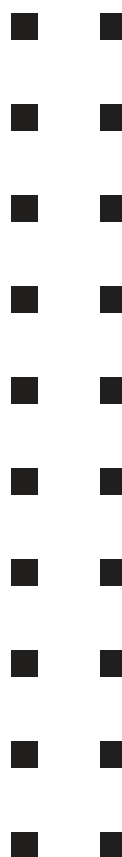




# RSU 57

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

## Continuous Learning LEARNING MENUS



**MATH**

**LITERACY**

**SPECIALS**

**Printables**

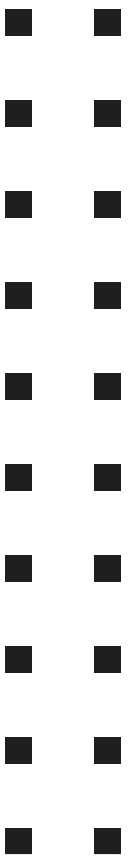




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# MATH



**Printables**



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

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

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

1. YOU SHOULD PICK THREE MEMBERS IN YOUR HOUSEHOLD, THIS CAN INCLUDE YOU. YOU WILL NEED A MEASURING TAPE. THE DATA COLLECTION BOX IS BELOW AND REMEMBER TO LABEL!:

Name	Estimate in inches	Actual Height in inches	Actual Height converted to feet	Any Observations Noted
a.				
b				
c				

2. WATCH [THIS MOVIE](#) TO LEARN HOW TO CREATE A LINE PLOT.
3. NOW CREATE A LINE PLOT USING THE DATA YOU RECORDED ABOVE!

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

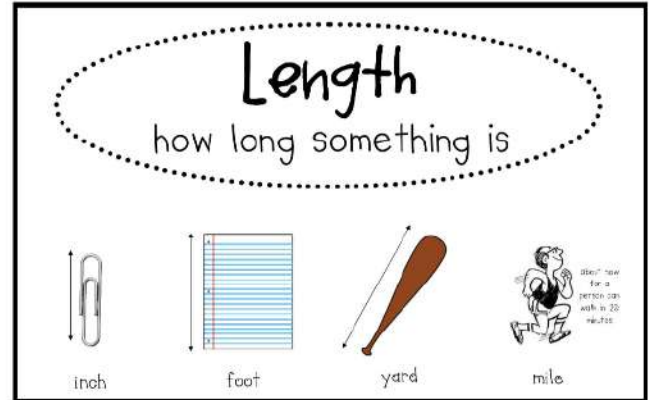
Name: \_\_\_\_\_

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

## CUSTOMARY LENGTH MEASUREMENT EXPLORATION

### Directions:

1. Find a ruler or tape measure.
2. Choose an object (outside or inside).
3. BEFORE measuring it, estimate how many inches it is.
4. Record your answer.
5. Then measure the object and record its actual measurement.



It's perfectly okay if your estimate is not the same as the actual measurement, you'll probably get better at this as you go!

Object	Estimate (in inches)	Actual Measurement (in inches)

How many inches do you think are in a foot? \_\_\_\_\_

Now find out the real answer: How many inches are in a foot? \_\_\_\_\_

How many feet do you think are in a yard? \_\_\_\_\_

Now find out the real answer: How many feet are in a yard? \_\_\_\_\_



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

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

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

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

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

Earlier this year, you worked as a biomedical engineer to design a model knee brace. Imagine you were asked to work as a biomedical engineer once again but this time you were asked to design a way to help a dog that was born with deformed front legs, run and play just like other dogs. What would you need to know before you started to work on solving this problem for the dog? Make a list of the questions you would need answered before solving this problem. How would you find out the answers to your questions? Watch this [3 minute clip of Derby](#). What kinds of questions came up for the team? How did the team figure them out? What new problems did they encounter and how did they solve them using science, technology, engineering and math? What ideas do you have for how you could improve Derby's prosthetic legs?

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

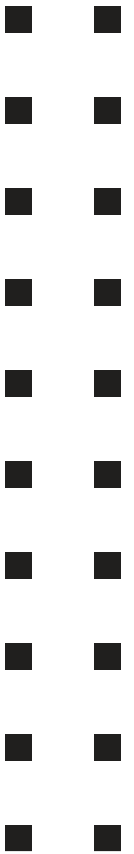
Animals that are more active at night and rest during the day are called nocturnal. What special body parts do you think nocturnal animals would need in order to survive? If you can, sit quietly outside for a few minutes after dark. Imagine you are a nocturnal animal. What do you see? What do you hear? What special body parts could help you find the things you need to live? Why do you think some animals are more active during the night instead of the day time? How does this behavior help them survive? Find out more about nocturnal animals in this [1 minute clip](#) or from [the handout](#).



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# LITERAC Y



**Printables**



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



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

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

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

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

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

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

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

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



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

**L.4-10**

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

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

## Writing Prompt

**Day 1:** Write a table of contents for your nonfiction book or create an outline for your 5 paragraph essay.(These are your subtopics.)

**Day 2:** Begin to draft. Write 1 or 2 paragraphs for your book or essay using your subtopics from Day 1.

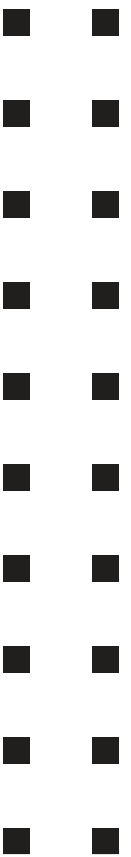
- [Informational Writing Checklist](#)
- [Writers Try on Different Structures for Size](#)
- [Sample Table of Contents](#)
- [Drafting](#)



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# SPECIAL S



**Printables**



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

### Make Your Own P.E Equipment

**Objective:** Create a piece of equipment you can manipulate; throw, kick, strike, catch, possibly even jump over or around.




Your P.E teachers want to see creative equipment, we want to hear about how you used your equipment, and we would like to know if you created a game, please share with your P.E teacher:

[Samanthaperson@rsu57.org](mailto:Samanthaperson@rsu57.org)

[Brianpenley@rsu57.org](mailto:Brianpenley@rsu57.org)

[Janelfearon@rsu57.org](mailto:Janelfearon@rsu57.org)

#### Examples:

<p><b>Sock Ball:</b> Stuff a sock full of other socks or stuffing and use it to kick, throw at a target, or shoot in a basket.</p>	
<p><b>Bottle Bat:</b> Create your very own bat with a 2 liter bottle, can you strike a sock ball off of a chair, maybe in the air.</p>	
<p><b>Dancing ribbon:</b> Use a stick, popsicle stick, pencil, ruler, and attach ribbon or shoe strings to one end. Create a rhythmic dance or routine.</p>	

**DISCLAIMER:** When you are building this equipment please take every precaution to make sure it is safe. Please make sure there aren't any sharp edges and please test in a safe place. Use good judgement when striking objects with your homemade P.E equipment. RSU 57 Physical Educators cannot be held responsible for the improper use or construction of the homemade equipment ideas provided above.

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

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

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



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

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

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

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

## Rhythmic Composition Using Household Objects

Use household objects (like silverware, toothpicks, popsicle sticks, sticks, etc) to create 8 beats of your own rhythm. Take a picture of your creation or take a video of yourself tapping and reading your rhythmic creation! Reach out to your music teacher if you need any help.

Waterboro: Use either ta/tadi/quarter rest **or** ta/tatute/dotted quarter rest

Alfred/Lyman: Use du/du-de

Line/Shapleigh: Use du/du-de

*Example:*

Can you tap and read this rhythm? How many beats long is this rhythm? How many more beats would this need to be complete?



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

## Music Interview

Find a relative or family friend, and ask them about their experiences in music. Be sure to choose someone older than you, like a parent, aunt/uncle, or grandparent.

My name:

The person I'm interviewing is:

Who was your favorite musician when you were growing up?

How did you normally listen to music when you were a kid?

Did you play any instruments or sing in a choir? Did anyone in your family play instruments or sing in a choir?

What was the first concert you went to? What was your favorite concert?

What is your favorite thing about music?



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

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