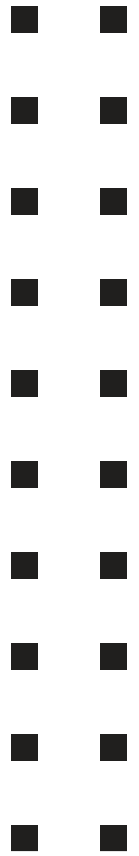# RSU 57

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

Continuous Learning
LEARNING MENUS
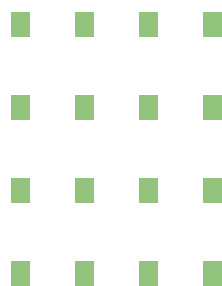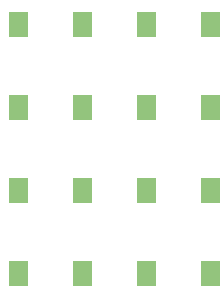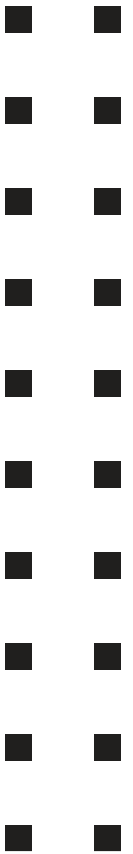
MATH

LITERACY

SPECIALS

Printables
Week 3

RSU 57

- Waterboro
- Alfred
- Lyman
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- Massabesic High

MATH

Name: _____

Name: _____

MATH BOX #3

4

Name: _____

MATH BOX #4

DIVISION WORD PROBLEM POSTERS

Directions:
- ❏ Come up with a real-life situation that requires division. For example, "I have 239 party favors and I need to split them into 11 gift bags. How many cookies does each person get?"
- ❏ Create a poster that contains your question and shows how you solved the division problem. Be sure to show all your work!!
- ❏ You should create a rough draft first (where you double check your math is correct) before creating the final poster.
- ❏ If you're ready for a challenge, use larger numbers!
- ❏ Remember that division is all about splitting things into even groups.

RUBRIC

	Needs Improvement	Mets	Advanced
QUESTION		Student wrote a question that requires the audience to split a number of items into even groups.	
ACCURACY		All of the math work on the poster is accurate.	
EXPLANATION		All of the steps are clearly explained with words, pictures, or numbers.	
NEATNESS		Every part of the poster is easy to read and follow.	

*This is a single point rubric that helps students focus on the project requirements (shown in the center column). If a student needs improvement or goes above and beyond the project's requirements, the teacher will write personal notes in that column ("needs improvement" or "advanced") when the rubric is returned. Therefore the "needs improvement" and "advanced" columns are intentionally left blank to allow for more personalized feedback.

Name: _____

Name: _____

Name: _____

Name: _____

🏠 The DIVISION HOUSE 🏠

Follow the directions below to create your house. Write the equation for each problem. DISCARD your remainders.

First, draw the outline of your house. This outline should only include the body of your house and the roof.

To find the Number of DOORS on your house: Divide your age by the number of years you have been at your current school.

To find the number of WINDOWS on your house: Divide the day of the month you were born by the number of kids in your family

To find the number of BRICKS on the front of your house: Divide the first three numbers in the year you were born by your current age.

To find the number of TREES in front of your house: Divide the first two numbers in your phone number by the last number in your phone number.

To find the number of APPLES on each of the trees in front of your house: Divide the first two numbers of your address by the number of days until Friday.

To find the STREET NUMBER of your house: Divide your mom's age by your age.

To find the number of CLOUDS above your house: Divide the number of students in your class by your age.

To find the number of RAINDROPS falling from the clouds: Divide your area code by the number of years you have lived in your state.

To find the number of STRANDS OF GRASS in front of your house: Divide your school's street address number by the number of kids in your class.

To find the number of FLOWERS in front of your house: Divide the number of days in the current month by the number of people sitting at your desk or table group.

Name: _____

Name: _____

Name: _____

Have you ever seen a bald eagle? Maine has a healthy population of these once endangered birds. Bald eagles are known as raptors or birds of prey. What adaptations make bald eagles and other birds of prey such powerful hunters? View this up close 1.5 minute clip of a bald eagle. What specialized body parts do you notice? Describe how you think each part helps the eagle survive in its environment. Find even more about a raptor's adaptations here.

15-min clip: safeYouTube.net/w/1ov6

Adaptations: bit.ly/3cgoUVA

Name: _____

What do birds use their beaks for? Brainstorm a list. What would happen if a bird's beak was injured? Wildlife rehabilitators have had some success developing prosthetic beaks to help injured birds survive. Use the steps of the engineering design process to design a beak for a bald eagle. What materials would you use to create the beak? What shape would it be? How many parts? How would it attach to the bird? Think about all the tasks an eagle uses its beak for and the environment in which it lives. Create a three-dimensional model of your design out of paper and explain your design to someone else either in writing or words. If you'd like to learn more about how a team of wildlife rehabilitators and engineers created a prosthetic beak for an injured bald eagle read the book Beauty and the Beak (on Epic) or watch this short newsclip.
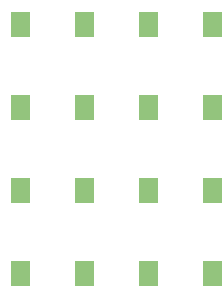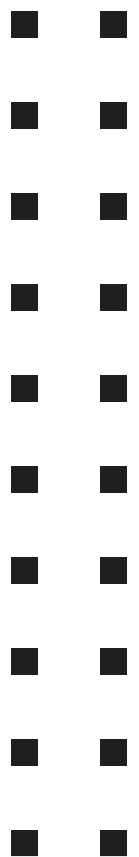
Epic: bit.ly/34DD9Ba

Newsclip: safeYouTube.net/w/wov6

LITERACY

RSU 57

- Waterboro
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- Massabesic High

Name: _____

Name: _____

Name: _____

Name: _____

Friendly-Letter Organizer

TFK NEWS SCOOP

_____ (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 _____

Name: _____

Name: _____

Name: _____

Maine Counties

County Songs

There are 2 versions of the Maine County Song.

Version 1

To the tune of Yankee Doodle:

The sixteen counties in our state are:
Cumberland and Franklin,
Piscataquis and Somerset,
Aroostook, Androscoggin,
Sagadahoc and Kennebec,
Lincoln, Knox, and Hancock,
Waldo, Washington, and York,
Oxford and Penobscot.

Listen to the County Song sung by the entire fourth grade class at the Dike-Newell School, Bath, Maine in 2008.

Version 2

To the tune of Yankee Doodle:

There's are 16 Counties in our state:
There's Cumberland and Franklin,
Piscataquis and Kennebec,
Oxford, Androscoggin,
Waldo, Washington and York,
Lincoln, Knox, and Hancock,
Sagadahoc and Somerset,
Aroostook and Penobscot.

Listen to the County song sung by Mrs. Dawson's 4th Grade class and recorded by Mr. John Fenlason of Harrison C. Lyseth School, Portland, 2014

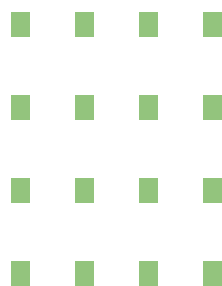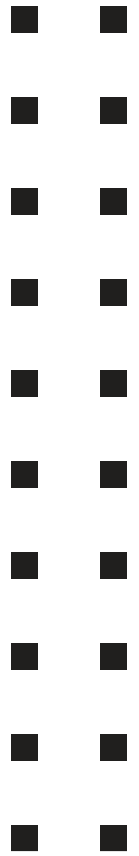Name: _____

Name: _____

Name: _____

RSU 57

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SPECIALS

Name: _____

Luck of the Dice

Directions:

- Find a die or pair of dice. You can play with one die, just choose six of the below exercises. OR play with two dice, and use the entire table.
- Roll your dice, what did you roll? If it was a 2 and a 5, you can choose what to complete; find the number 2 row and match it up with the number 5 column, that box has 10 squats, or find the 5 row and the 2 column, that box has 20 mountain climbers, you get to choose!

	1	2	3	4	5	6
1	20 Jumping Jacks	5 Push-ups	20 second plank	5 Jump and turn	10 tuck jumps	Bear Crawl 12 "steps"
2	20 alternating walking lunges	20 sit ups	20 second wall sit with knees at 90 degrees	5 burpees	10 squats	10 second side plank-both sides
3	30 seconds of high knees	20 seconds of arm circles (forward and back)	Reach for the sky and count to 20	10 Superman	Sit and reach for your toes, hold for 20 seconds.	Butterfly stretch for 20 seconds
4	20 Soldier Walks	30 seconds of flutter kicks (lay on back and "swimmer feet")	30 seconds of butt kicks	10 Star Jumps (Don't forget, "I'm a STAR")	20 sec. each side, arm across your chest (palm up)	10 hip bridges
5	30 seconds jog in place	20 mountain climbers	20 skier jumps (side to side)	20 bell jumps (forward and back)	10 high knee skips	5 single leg jumps, both sides
6	30 seconds of invisible jump rope	10 sumo squats (toes out)	10 Frog jumps	Crab walk 10 steps forward and back	30 second wall sit with knees at 90 degrees	12 Burpees

Name: _____

Name: _____

Name: _____

Name: _____

Name: _____

Name: _____

Name: _____

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?

Name: _____

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

Name: _____

Name: _____

Name: _____

Let's Take a Mindful Walk!

Mindful walks are good for our bodies and emotions. They are a great way to take a break from the screen and focus on the moment. Mindful walking is a great tool to have in your emotional tool kit. During a mindful walk we pay attention to what is going on around us, not the thoughts in your head. Mindful walking is great because you can do it inside, in nature, or in the city. Pick a day this week to take a mindful walk.

Start by noticing your body, use deep, calming breaths to focus your attention. Finish this sentence, "My body feels....."

Walk forward with slow, steady steps. Notice how your feet feel on the ground.

- What do you see as you walk? Can you name four things?

- What do you hear on your walk? Can you name three things?

- What do you feel on your walk? Can you name two things?

- What do you smell on your walk? Can you name one thing?