Exploration Learning Board: May 18th- May 22nd

- Students need to complete the following assignments in these subjects (Math, Reading, Writing, and Science/Social) for each day. **Specialist's assignments are on the bottom of this document.**
- These activities are designed to continue learning within Minnesota state standards.
- Use your "Evidence of Learning Math" and "Evidence of Learning All" google docs. **For each new entry, please add to the TOP of your doc and reshare it with your teacher.**
- **Social Studies** pieces will tie to our Living History project and are for ALL Explorations students.
- Your teacher's office hours and meeting times are:

  Mr. Bock 9:45 Monday-Friday whole class google meet for a social emotional, start the day and math check in meeting. Office hours 9:00-10:00 and 1:00-1:30, also flexible to connect outside of these times by appointment.

  Mrs. Kovacs 10:00 every day for cheetah group math meeting and 10:30 for the wolf group, 11:00 for homebase. Mandatory Monday per kids naming it, please be at the 11:00 am meeting. Some days are optional or small groups. Watch your email for invites. I will respond to emails all day Long. IF you want to talk to me, send me an email and I'll invite you to a private google meet.

  Ms. Robinson: 10:00 every day for a math meeting, 11:00 homeroom meetings on Mon, Wed, and Fri. Small group homeroom meetings every Tues and Thurs. I will respond to emails all day. If you want to talk face to face, email me and I will set up a google meet.

  Mrs. Wickland- Monday through Friday google meet student support work sessions at 10:30 and 11:30 posted in All Explorations seesaw class.

**Go Back to the Flipgrid from last week and continue to enjoy comments about your project from classmates, parents, and Lincoln staff. More people checked them out over the weekend. Here is the link: https://flipgrid.com/86cda1f2

	Math	**Reading**	**Writing**	**Social Studies**
M 5/18	**Bock:** Learning Target- I can multiply fractions. Watch this brainpop video multiplying and dividing fractions. Username: lakeaires Password: bears ixl.com grade 5 Complete lessons to a **smart score between 75-100.** Lesson 1 multiply unit fractions by whole numbers using number lines Lesson 2 Multiply unit fractions by whole numbers using models Lesson 3 Multiples of unit fractions: find the missing numbers Lesson 4 Multiply unit fractions and whole numbers: sorting Lesson 5 Multiply fractions by whole numbers using arrays Lesson 6 Multiply fractions by whole numbers	We will be diving into (pun intended) the water cycle today and tomorrow! Please follow the steps below! 1. Watch this video https://www.youtube.com/watch?v=y5gFl3pMvoI 2. Go on Epic and read *Earth's Water Cycle* by Robin Nelson (use codes puk7427or glx8883)	After you finish the steps in the reading box, please choose at least one of these to complete. 1. Draw or create a model of the water cycle. If you choose to draw, it should be in color and should be neat.Take a picture of your final product and either post it on your Learning All doc or email to your teacher 2. Create weather in a cup. Go to the doc linked below to see	We will be starting a new social studies project. For this project, you will be interviewing family members about your family history. Close read your assignment sheet **AT LEAST 2 TIMES** https://docs.google.com/document/d/1RhH8cAuD8d5lt6N8v-buMYIjSYoKMGlo1_oVpUxWW3Q/edit?usp=sharing Then look at the examples made by your teachers below

using number lines
Lesson 7 Multiplying fraction by whole numbers choose the model
Lesson 8 Multiply fractions by whole numbers using models: complete the equation
Lesson 9 Multiply fractions find the missing number
Lesson 10 Multiply fractions and whole numbers: sorting

Robinson: Mandatory whole group meeting today at 10. During our meeting, we will be talking about the chapter 7 test and going over problems from the quiz..
- Pg 371 All. Record your answers for the even problems in your math google doc.
- Pg 372 8-11. Record your answers for these problems in your doc
- Pg 375 All. Record your answers for the odd problems in your doc.

Kovacs: Please come to today's math meeting!
Cheetah Group Meeting 10 AM
Wolf Group Meeting 10:30 AM
Kovacs HOMEBASE meeting at 11:00.
    Mandatory Monday

Cheetah: Please be at the math meeting at 10! We will be talking about our work today and the rest of the week.

In your Math Doc, solve and write:
- Page 377- This is practice with fractions. You only have to share for the odd numbered problems!

- Page 379- This is multiplication practice. Share the answer AND your work (maybe a picture) for #2-10 EVENS and #13

- Page 380- #14-16. Show or write your thinking and your answers.

- Look at your math Google doc. Were there questions you should look at? People to respond to? Share with other people in the Cheetah group and give positive feedback. Please reshare your Doc with me at (samantha.kostuch@isd624.org)

Wolf: Before our math meeting, start today by

3. In your Evidence of Learning All google doc, explain each step in the water cycle in your own words and reshare your doc with your teacher. You should include the words below in your explanation-
- Evaporation
- Condensation
- Precipitation
- Water Cycle

the directions
https://docs.google.com/document/d/12usPPV4mObOoG1wu78GAns8mIuPklkjGMh29E90nEPo/edit?usp=sharing

3. Write a short story about your life as a drop of water. Follow the directions in the doc linked below. Type your story in your evidence of learning all doc and share with your homeroom teacher
https://docs.google.com/document/d/1iiPSyKsrxicsZ3CL4bAV_MPRfg_IJ5gdFPkMvRphbW0/edit?usp=sharing

4. Create a game about the water cycle. This game should help players learn about the water cycle. Type out the directions and objective of the game in your learning all doc

Ms. Kostuch's example:
[Family History Project- Ms. Kostuch](#)

Ms. R's example
https://docs.google.com/document/d/16gWOx76_MbKDLNs56Y2wNN_OwGwXCyuRofrvzbq7T10/edit?usp=sharing

Notice the two different formats the examples above are in. Be creative!

Today you should figure out what format your final project will be, and you should conduct at least 1 interview.

	reading page 361 in your textbook. What looks familiar to you? What questions do you have about the four quadrant graphs? Bring these to our math meeting! Please be at the math meeting at 10:30! **In your Math Doc, solve and write:** **-** Page 364- Think about a thermometer as a vertical number line. Opposite numbers are the same distance away from zero on either side of a number line. Complete the odd numbered problems. **-** Pages 365-366- Complete at least the odd numbered problems for #1-7. **-** Look at your math Google doc. Were there questions you should look at? People to respond to? Share with other people in the Cheetah group and give positive feedback. Please reshare your Doc with me at (samantha.kostuch@isd624.org)			
T 5/19	**Bock:** Learning Target- I can multiply fractions. ixl.com grade 5 Complete lessons to a **smart score between 75-100.** Lesson 11 Multiply fractions by whole numbers: 1 Lesson 12 Multiply fractions by whole numbers: 2 Lesson 13 multiply fractions by whole numbers: word problems Lesson 14 Multiply fractions by whole numbers: input/output tables Lesson 15 Fractions of a number Lesson 16 Fractions of a number word problems Lesson 17 Multiply two unit fractions using models Lesson 18 Multiply two fractions using models: fill in the missing factor Lesson 19 Multiply two fractions using models Lesson 20 Multiply two fractions **Robinson:** Whole group meeting at 10. Do the following- ● Pg 376 All. Record your answers for 19-24 in your math google doc ● Pg 377 All. Record your answers for the odd ones in your doc.	Welcome to day 2 of the water cycle! Today we will be focusing on your daily use of water and how to conserve water. 1. Watch this video and then answer the question below in your learning all doc https://www.youtube.com/watch?v=bGWr5jXJfbs - What does conserving water mean to you? What does it look like? 2. Read Water World by Precious Mckenzie on Epic. 3. In your Learning All google doc, list at least 10 ways water is used. Share this doc with 5 other classmates and comment on at least 2 other classmates' doc.	Do this once you have completed the reading box. Today you will be figuring out how much water you use daily. Go to the doc linked below to see the chart you will be filling out. https://docs.google.com/document/d/1BMWqOi7BTlGdJBb0bcfcpu8AbgCfb9bj8Rsy43JZHRk/edit?usp=sharing 1. Either copy and paste the chart into your learning all doc, or copy the chart on a piece of paper.You can also make your own copy of this by going to this document, click file, and then click make a copy.	1. Share your project with your homeroom teacher. If you are doing a poster board, send your notes and pictures of your progress on your project. 2. Conduct your second interview today. Organize your notes for your project while you go.

	● Pg 379 All. Choose 5 of these problems to record in your math google doc.
	
	Kovacs: Today's math meeting is optional.
	Cheetah Group Meeting <mark>10 AM</mark>
	Wolf Group Meeting <mark>10:30 AM</mark>
	Kovacs HOMEBASE optional meeting at <mark>11:00.</mark>
	
	Cheetah: Optional math meeting at 10! We will be talking about fractions with the work you are doing today!
	
	In your Math Doc, solve and write:
	- Page 382- Solve for problems #11-16 on this page. Show your thinking and answers.
	
	- Page 384- You are practicing real-world problems with fractions and decimals! Solve for at least the odd numbered problems. Show your WORK AND answers.
	
	- Page 385- This page is just #1 and #2. It makes me hungry for a waffle though!
	
	- Look at your math Google doc. Were there questions you should look at? People to respond to? Share with other people in the Cheetah group and give positive feedback. Please reshare your Doc with me at (samantha.kostuch@isd624.org)
	
	Wolf: Optional math meeting at 10:30! We will be talking about integers, number lines, and absolute value.
	
	In your Math Doc, solve and write:
	- Page 367- Complete problems #1-12
	
	- Page 368-369- Read about absolute value. This is the distance from zero a number has. Complete the odd numbered problems for #23-41.
	
	- Look at your math Google doc. Were there questions you should look at? People to respond to? Share with other people in the Cheetah group and give positive feedback. Please reshare your Doc with me at (samantha.kostuch@isd624.org)
			2. Think about your typical day at home and fill out the chart based on your normal day.
			
			3. In your google doc, answer the following questions-
			   ● How many gallons of water do you use per day?
			   ● What part of your day uses the most water?
			   ● How can you cut down on your water usage?
			
			4. Share your responses with your teacher and 5 other classmates.
			Comment on at least 2 other classmates' docs.	

| W 5/20 | **Bock:** Learning Target- I can multiply fractions.
ixl.com grade 5
Complete lessons to a **smart score between 75-100.**
Lesson 21 Multiply two fractions: word problems
Lesson 22 Scaling whole numbers by fractions: justify your answer
Lesson 23 Scaling whole numbers by fractions
Lesson 24 Scaling fractions by fractions
Lesson 25 Scaling mixed numbers by fractions
Lesson 26 Multiply three or more fractions and whole numbers
Lesson 27 Complete the fractions multiplication sentence
Lesson 28 Complete the fraction multiplication sentence with common factors
Lesson 29 Understand fraction multiplication and area
Lesson 30 Multiply fractions to find area

Robinson: Small group meetings at 10 and 10:30. Do the following-
● Pg 380 14-16. Share your answers for each problem in your doc
● Pg 381 All. Share your answers for #2
● Pg 382 11-15. Share how far each snail moved in your google doc. Check answers with at least two other people
● Pg 384 Odds. Record your answer for each problem in your doc
● https://www.mathplayground.com/fractions_mult.html Play this math game.

Kovacs: Please come to today's math meeting!
Cheetah Group Meeting 10 AM
Wolf Group Meeting 10:30 AM
Kovacs HOMEBASE small group meetings between 11:00-11:30. Check your email.

Cheetah: Please be at the math meeting at 10! We will be talking about your work today and helping out Puzzled Penguin!

In your Math Doc, solve and write:
- Page 388- You are solving for #19-21. Also complete even numbered problems for #22-26. Show your work and answer. | Watch this video about the rock cycle.
Username: lakeaires
Password: bears

Read The Rock Cycle in Epic Books. (use codes puk7427or glx8883)

Watch this video about types of rocks.
Username: lakeaires
Password: bears

Make a rock collection of 20 rocks.

Organize rocks into three groups by their characteristics.

More epic books for reference.

Rocks and Minerals: Sedimentary

Rocks and Minerals: Metamorphic

Rocks and Minerals: Igneous

After organizing your rock collection take a picture, post it in your Evidence of Learning All google document and share with all teachers and 5 explorers. | Read rock books and watch rock videos in the reading box then…

1. Make a Poster of The Rock Cycle.

2. Use crayons, markers, paints, crafty things of your choice.

3. Take a picture and post in your Evidence of learning ALL document.

4. Share your Rock Cycle Design with all teachers and 5 explorers.

Make a rock collection of 20 rocks.

Organize rocks into three groups by their characteristics. Hint! Look in the reading section to get ideas of how to classify rocks. | Finish up your interviews today! Have your interview notes section organized and that portion of your project done. Share your progress with your teacher |

	- Page 389- Look at the sample on the top of the page! Complete #2 in your math doc. **-** Page 390- Complete at least the even numbered problems! Share on your doc! **-** Look at your math Google doc. Were there questions you should look at? People to respond to? Share with other people in the Cheetah group and give positive feedback. Please reshare your Doc with me at (samantha.kostuch@isd624.org) **Wolf:** Before our math meeting, start today by reading about the coordinate plane on page 371. Please be at the math meeting at 10:30! **In your Math Doc, solve and write:** **-** Pages 371-372- Remember in writing a point's location (x,y), the first number is the horizontal x-axis location and the second is the vertical y-axis location. Complete even numbered problems for #2-16. **-** Page 374- You are applying this to real-world problems. You will need to draw or trace a graph to plot points and upload a picture. Complete the problems on this page! **-** Look at your math Google doc. Were there questions you should look at? People to respond to? Share with other people in the Cheetah group and give positive feedback. Please reshare your Doc with me at (samantha.kostuch@isd624.org)			
TH 5/21	<u>**Bock:**</u> Learning Target- I can multiply fractions. Watch this brainpop video again to review multiplying and dividing fractions ixl.com grade 5. Complete lessons to a **smart score between 75-100.** Lesson 31 Estimate products of mixed numbers Lesson 32 Multiply a mixed number by a whole number Lesson 33 Multiply a mixed number by a fraction Lesson 34 multiply two mixed numbers	Watch this video about crystals. Username: lakeaires Password: bears Watch this video about mineral identification. Username: lakeaires Password: bears Read National Geographic Rocks and Minerals in Epic Books.	Read rock books and watch rock videos in the reading section then choose **two** of the following activities below. 1. Write a rock poem. Rock poem example. Use your poem knowledge from last week. What type of rock poem will you write?	Start creating a family tree. Include as many family members as you can. Watch this video for help https://www.youtube.com/watch?v=3wdM1Rx0HdI

Lesson 35 Multiply three or more mixed numbers, fractions, and whole numbers Lesson 36 Multiplication with mixed numbers word problems Lesson 37 Multiply fractions and mixed numbers in recipes Lesson 38 Complete the mixed number multiplication sentence Division Lesson 1 Divide unit fractions by whole numbers Lesson 2 Divide whole numbers by unit fractions using models **Robinson:** Mandatory small group meetings today! Please come :) ● Do the following questions on the attached doc. Record your answers in your math dochttps://docs.google.com/document/d/14FtS4IjKvRMTcJb5AlI7vVfp7vyTLr6cWp53n8tNy98/edit?usp=sharing ● Create 5 of your own fraction multiplication problems and put them in your doc. You should solve these on a piece of paper and have it as an answer key. Share your 5 questions with a few classmates. Solve at least 1 other classmate that was shared with you. **Kovacs:** Today's math meeting is optional. Cheetah Group Meeting 10 AM Wolf Group Meeting 10:30 AM Kovacs HOMEBASE optional meeting at 11:00. **Cheetah:** Start today by reading page 393. This is about unsimplifying a number to divide easier. Optional math meeting at 10! We will be talking about this page and why this works. **In your Math Doc, solve and write:** **-** Page 393- Complete at least #1-7. Share your work/thinking as well as answer. **-** Page 395- Complete the problems on this page. Use the description and chart at the top to help you. **-** Look at your math Google doc. Were there questions you should look at? People to	(use codes puk7427or glx8883) Also, continue reading about metamorphic, igneous and sedimentary rocks in epic.	2. Create a rock chart describing each group's characteristics and an explanation of why each rock belongs in its group. 3. With grown up permission make a crystal! Watch this video how. What shape will your crystal be? 4. Choice activity above and beyond. This is a rock activity you create that has above and beyond creativity and exploration. Examples include… a song, make a game, interview a rockhound or geologist. Record your two choice activities in your Evidence of Learning All document and share with all teachers and 5 explorers. Compliment and comment on 3 explorers' shares from yesterday or today.	

	respond to? Share with other people in the Cheetah group and give positive feedback. Please reshare your Doc with me at (samantha.kostuch@isd624.org) **Wolf:** Before our math meeting, start today by reading page 375. Read about rational numbers. Optional math meeting at 10:30! **In your Math Doc, solve and write:** **-** Page 375- Complete #1-8. Then complete the even problems for #10-16. **-** Page 378- Complete this page and show your work with answers on your doc. **-** Look at your math Google doc. Were there questions you should look at? People to respond to? Share with other people in the Cheetah group and give positive feedback. Please reshare your Doc with me at (samantha.kostuch@isd624.org)			
F 5/22	**Bock:** Learning Target- I can divide fractions. [ixl.com grade 5](http://ixl.com) Complete lessons to a **smart score between 75-100.** Lesson 3 Divide whole numbers by unit fractions Lesson 4 Divide whole numbers and unit fractions Lesson 5 Divide fractions by whole numbers Lesson 6 Divide fractions by whole numbers in recipes Lesson 7 Divide unit fractions and whole numbers: word problems Lesson 8 Divide whole numbers by fractions Lesson 9 Divide two fractions Lesson 10 Divide fractions and mixed numbers Lesson 11 Complete the division sentence Lesson 12 Divide fractions and mixed numbers: word problems **Robinson:** Super mandatory whole group meeting today. Use this day to catch up on any math from this week. Then do the following- ● Pg 385 All. In your math doc, explain how you can divide a smaller fraction by a bigger fraction? ● Pg 386 Odds. Share your answer for	We will be focusing on Theme today. 1. Watch this video about theme https://www.youtube.com/watch?v=AXPbijjMnV8 2. In your Evidence of Learning all doc, define the theme using your own words. 3. Read for 45 minutes today. While you are reading, be thinking about the theme.	After you have read for at least 45 minutes, please do the following- 1. In your learning all doc, answer the following questions- ● What is the theme of the book you were reading today? Did it change overtime? How do you know that is the theme? ● Think of a read aloud book your homeroom teacher has read to you this school year. What is the name of the book and what is the	Finish your family tree today and add it to your final project. Share with your homeroom teacher Begin to work on your timeline of your life.This should be done on Tuesday. You should have one event for each year of your life (10 years old, 10 life events) Make sure your timeline is easily read and very neat.

	#9 and #11 in your doc ● Pg 388 All. Record your answers for 19-21 in your doc. **Kovacs:** Please come to today's math meeting! Cheetah Group Meeting <mark>10 AM</mark> Wolf Group Meeting <mark>10:30 AM</mark> Kovacs HOMEBASE meeting at <mark>11:00.</mark> Mandatory end of the week! **Cheetah:** Please be at the math meeting at 10! We will be talking about your work from today and wrapping up the week! **In your Math Doc, solve and write:** **-** Page 397- You are choosing whether multiplication or division is useful in these problems then solving. Complete the 6 problems on this page. Show your work and answers on your math Google doc. **-** Page 401- Solve for the odd numbered problems in #1-5. **-** Look at your math Google doc. Were there questions you should look at? People to respond to? Share with other people in the Cheetah group and give positive feedback. Please reshare your Doc with me at (samantha.kostuch@isd624.org) **Wolf:** Before our math meeting, start today by reading page 379 and the vocabulary term reflected point. Please be at the math meeting at 10:30! **In your Math Doc, solve and write:** **-** Page 379- #5 and #6 Draw a graph and plot the points if that is helpful. **-** Page 380- Complete the three problems on this page. Upload or email a picture of your graph. **-** Look at your math Google doc. Were there questions you should look at? People to respond to? Share with other people in the Cheetah group and give positive feedback. Please reshare your Doc with me at (samantha.kostuch@isd624.org)		theme of the book? 2. Share this doc with your homeroom teacher	

Specialists:

PE	Chinese	Day 1 Music	Orchestra	Art
At Home Track and Field Plan, Prepare, and Practice Week! **PE May 18-22 K-5** Office Hours: 10:30-12:00 Mon.-Fri. michelle.hoftiezer@isd624.org	**Chinese 5/18-5/24 learning activities**	Office Hours: 10:30-12:00 Mon-Fri. jane.burmeister@isd624.org Day 1 How to sing well Different pitch in voices Day 2 Sing: Follow the drinkin Gourd Day 3 Listen:I'm Yours Jason Mraz Making a steel drum Listen to the video What did you learn? Send me an email or seesaw Please read letter Dear Parents and students	emily.rau@isd624.org 651-571-2820 Office Hours: 11:00-12:00, 2:00-2:30 **Orchestra Lessons**	https://www.youtube.com/watch?v=DHQ7kkw5XkA&feature=youtu.be