

8th Grade - Week of April 27, 2020

Math:

- The student will find the slope of a line on a graph.
- The student will find the slope from a table.

Science:

- Students will examine the lunar phases.

Social Studies:

- The student will analyze how the U.S. Constitution reflects the seven principles.

Language Arts:

- Students will demonstrate knowledge of conflict and how to analyze characters' motivations and behaviors that influence events and resolution of the conflict.
- Students will demonstrate their knowledge of comparing and contrasting.

NOTE: GT students receive accelerated instruction as well as enrichment via GT Student and Parent Resources in Google Classroom.

8th Math

Objectives

- The student will find the slope of a line on a graph.
- The student will find the slope from a table.

Note: This work is to support understanding of the subject area.

For Parents

• Guide Students through the following activities:

- **Activity 1** - The student will complete the Know the Numbers and Emoji Logic Squares and submit to their math teacher.
- **Activity 2** - The student will watch the videos over Finding the slope from a line. Please take notes as you watch. There will be some notes provided to help assist.
- **Activity 3** - The student will watch the video over Finding Slope from a table. It is strongly encouraged to have the students take notes along with the video. Hand written notes are included in the packet if needed.
- **Activity 4** - The student will complete the Google Form over the Slope From a Graph and Table.
- **Activity 5** - The student will take pictures of items around the house, and yard that show different slopes

For Students

- **Activity 1:** Complete the [Know the Numbers](#) and [Emoji Logic Square](#) - Online submission: open each document, click on FILE then MAKE A COPY and you can enter results and send back to your teacher in Google Classroom or email. Paper submission - take a picture of your answers and send the picture to your teacher.
- **Activity 2:** Watch these two videos and **take notes** over finding slope from a graph: [Given a graph, find the slope](#) and [Finding the slope of a line from its graph](#) [Notes page](#) to add notes to.
- **Activity 3:** Watch and **take notes** along with the video of [Finding Slope from a table](#). Paper copy of the notes are attached here: [Finding Slope from a table Notes](#).
- **Activity 4:** Complete the [Google Form: Slope From a Graph and Table](#). This is based on the videos you watched on Tuesday and Wednesday over Slope of a Line from Graphs and Tables.
- **Activity 5 :** Take pictures of things you wish to know the slope of in real life found around your house and explain how you could use slope to determine its steepness: Some examples may be slanted beams, The pitch of your roof, A tree limb, etc. Send pictures to your Math teacher through Google Classroom, Remind, email, or text messages. **Make sure you include your name when you send the pictures.** Ex: <https://drive.google.com/open?id=16IHBKuoYkd8ZvmzBqt1-qAOwuEzTUGbw>
Ex2: https://drive.google.com/open?id=1RNJihQDirNn_xl0Na44MsO5o1QgmNd4I

Additional Resources

Videos as a resource:

[Slope Dude Video \(basic slope\)](#), [Intro to slope](#),
[Given a graph find the slope](#),
[Finding the slope of a line from its graph](#)
[STAAR Reference page for formulas](#)

8th Science

Objectives

- Students will examine the lunar phases.

Note: This work is to support understanding of the subject area.

For Parents

● Guide Students through the following activities:

- **Activity 1- Moon Phase Selfie** - Help students take a photo with them and the moon in the picture.
- **Activity 2** - Help your student gather materials from around the home to create a moon phase illustration. They may use edible or non edible materials. They will then submit a photo of their finished product to their teacher. Get creative!
- **Activity 3-** Moon Phases Calendar Help students to complete the Calendar activity through level 3 or help students complete moon phases worksheet in the packet.
- **Activity 4-** Students will join.quizizz.com and enter the code 321895 to review moon phases.

For Students Assignments should be turned in through google classroom, photos taken of your work written on a piece of paper and submitted to your individual teacher in remind101 or email.

- **Activity 1: Moon Phase Selfie** - Take a photo with you and the moon in it. On the photo include the date (Month, Day, Year), the moon phase, and the amount of illumination - Use this website to help you find out the [daily moon phases](#).
- **Activity 2: Create a moon phase poster on a sheet of notebook paper-** using items from your house, ex: apples, oranges, cookies, pizza, dough, flour, sugar, candy, sand, dirt, etc... Show each of the 8 phases of the moon in its correct position in relation to the earth and the sun. You will need a sun and earth to be placed down first, then you will be able to place your moon phases in the correct position and correct order. Make sure to label the sun, the earth and each phase and draw the arrows to demonstrate the revolution of the moon. Take a photo of your activity and send it to your teacher. If it is edible, once you take your photo and send it, then you will have a snack to eat!
- **Activity 3: [Moon Phases Calendar](#)**- Follow the instructions to complete the moon phase calendar. Try to complete through level 3 **or** complete the [Moon Phases Worksheet](#).
- **Activity 4:** Go to join.quizizz.com and enter the code 321895 to review moon phases.

Additional Resources:

- [Moon Phases Notes](#)
- Addition Activities / Games

<http://studyjams.scholastic.com/studyjams/jams/science/solar-system/moon.htm>

https://www.youtube.com/watch?v=uOaOT_LLlOA Field Trip to the Moon video

8th US History

Objectives

- The student will analyze how the U.S. Constitution reflects the seven principles.

Note: This work is to support understanding of the subject area.

For Parents

- **Guide Students through the following activities:**
 - **Activity 1-** Students will read the short article about Limited Government and answer the questions that follow. The assignment can be found on your teacher's Google Classroom or in the packet. Respond to the document on a Google Doc or your own sheet of paper and upload your answers to Google Classroom or submit them by email.
 - **Activity 2 -** Students will read the slide about Republicanism and respond either on paper or in a Google Doc in 1 paragraph. How is republicanism important in the United States?
 - **Activity 3 -** Students will read the passage on Checks and Balances either in the packet or on GoFormative (online) and answer the 5 questions that follow.
 - **Activity 4 -** Students will read over Federalism notes and fill out the chart and diagram.

For Students

- **Activity 1 :** Students will read the short article about Limited Government and answer the questions that follow. The assignment can be found on your teacher's Google Classroom or in the packet. Respond to the document on a Google Doc and upload your answers to Google Classroom or write them down on paper and submit them by email.
- **Activity 2:** Students will read the slide about [Republicanism](#) and respond either on paper or in a Google Doc in 1 paragraph. How is republicanism important in the United States?
- **Activity 3:** Students will read the short passage on [Checks and Balances](#) (GoFormative or packet) and answer the 5 questions that follow.
- **Activity 4:** Students will read over the Federalism notes in Google Classroom or packet and then fill out the chart.

8th grade ELA

Objectives

- Students will demonstrate knowledge of conflict and how to analyze characters' motivations and behaviors that influence events and resolution of the conflict.
- Students will demonstrate their knowledge of comparing and contrasting.

Note: This work is to support understanding of the subject area.

For Parents

• Guide Students through the following activities:

- **Activity 1:** Students will read the questions, answer questions and submit.
- **Activity 2:** Students will read the slide titled “Republicanism”. This slide is found in their Social Studies activities this week. Submit the one paragraph response in a Google Doc in Google Classroom or take a picture of your response and email to your teacher.
- **Activity 3:** Students will log into Readworks, “**Log in with Google**”/Click on English teacher’s name and access the passage titled, “Kwan’s Crusade.” They should read the passage, answer questions and submit.
- **Activity 4:** Have your child read a book of their choice independently or out loud to you or to someone else.

For Students

- **Activity 1:** Log into [Google Classroom](#) complete document. **Activity 1:Character, Conflict, and Resolution.** Submit complete work through Google Classroom or take a picture and email it to your teacher.
- **Activity 2:** Use your “Republicanism” slide from your Social Studies assignment from this week to answer the question: How is republicanism important in the United States? Write at least one paragraph explaining your answer. Submit a Google Doc in [Google Classroom](#) or take a picture of your response and email to your teacher. This will count as an assignment for Social Studies and ELA.
- **Activity 3:** Log into [Readworks.org](#) / “**Log in with Google**”/Click on English teacher’s name and access passage titled “**Kwan’s Crusade**”. Read the passage, answer questions and submit. Submit through Readworks or take a picture and email to your teacher.
- **Activity 4:** Find a comfortable spot to read a book, magazine, graphic novel, etc. of your choice. Read for 25 - 30 minutes. Write a summary / reflection of what you read on a Google Doc or a sheet of notebook paper.

Additional Resources

- MyLexia - Students will go to Clever for Login
- Quill.com-
- Readtheory.org