



Aledo Independent School District

GRADES 6-12 DISTANCE LEARNING

School Name	Aledo Middle School
Grade Level	7th Grade Math
Week of	4/6/20 *All assigned work due by Sunday at midnight

Math Lesson Frame Week at a Glance

Objectives for the Week (WE WILL): **7.4(C)** *determine the constant of proportionality ($k = y/x$) within mathematical and real-world problems*

I WILL... *compare the constant of proportionality and unit rate, and practice identifying the constant of proportionality*

SO THAT I CAN... *determine the constant of proportionality in real world situations.*

Estimated Time to Complete: 2 hours

Digital Resource Links (Students need to work inside Google Classroom; where this can be found):
https://docs.google.com/presentation/d/1AX2MQMPZPk_cIRJFIBLxpr33Wdua3j_zG3A16IH9KBk/edit?usp=sharing

Non-Digital Resources:
[7th Grade Math April 6-10](#)

Lesson Delivery (What do we want you to learn?):

1. Watch the [Constant of Proportionality](#) video
2. **Critical Writing:** Respond to one of the following questions on your Google Slide, located in Google Classroom:
 - a. **Give an example of a table that does not have a Constant of Proportionality, and explain what is the difference in tables that have a Constant of Proportionality, and tables that do not have a Constant of Proportionality?**
 - b. **Describe a real world situation that has a Constant of Proportionality. Explain how you know it has a Constant of Proportionality.**
3. Type in your answer to your Critical Write in the Google Slides (slide 7) located in Google Classroom



Engage and Practice (What do we want you to do?):

1. Complete the [Constant of Proportionality Practice](#) in your notebook. Please show all your work in your notebook.
2. Upload a picture/work on the Google Slides (slide 9) located in Google Classroom
3. Make a thinking map comparing and contrasting Unit Rate and Constant of Proportionality. Be sure to include a frame.
 - a. Frame includes the "So what" and "So why".
4. Upload a picture of your Thinking Map on the Google Slides (slide 11) located in Google Classroom
5. Complete one of the 2 following activities:
 - a. [Marcellus the Giant - Definition of a Proportional Relationship](#) Desmos activity.
 - b. [Diminishing Returns Youcubed Activity](#)

Create and Submit (What do we want you to turn in?):

Make sure the following evidence of learning are included in your Google Slides (located in Google Classroom) and/or completed:

- Critical Writing Response (Google Slides; slide 7)
- Picture(s) of your practice problems in your notebook showing all work. (Google slides; slide 9)
- Picture of your Thinking Map comparing and contrasting unit rate and the constant of proportionality. (Google slides; slide 11)

Optional Extension Opportunity (What do we want you to do if you want to extend your learning?):

Choose any of the math activities on the [7th Grade Challenge Week 1](#).