

DAVAULT--6TH--MATH--MAY 4 to 26th

Hello everyone--

I am so sorry that we can not finish out the school year together--this will be a year you will always remember! I enjoyed having all of you in class. You are a great group with a lot of potential.

I am providing you with some math projects to finalize your grades (make an effort for completion). You can work at your own pace, in any order; just make sure all the assignments are completed by May 22nd. You may share through google using the format of the worksheets provided for the projects or take pictures. Make sure you have completed all assignments from the 4th 9 weeks (check progress book for missing assignments). If at any time you need help or have questions, please contact me.

Take care.

Miss you--Mrs. Davault

May 4--8/ 11-15/ 18-22 (3 weeks)

You will complete **3 of the 4 projects**--your choice:

- Google Drawing Project
- Coordinate Plane Project
- Skittles Project
- Math Shadows Project

You will also complete **ALL** of the following:

- 30 minutes of I Ready **each week**
- Edulastics--6th Grade Review (log on with clever)
- 1 Math Day--your choice of math activity/share with me
- 1 Game Day--play math game online or board game (Yahtzee, Life, Payday, Monopoly.....)/share with me
- share your favorite Math Activity from 6th grade

May 26 --finalize all missing assignments in 4th 9 wks.

Google drawing: go to google drive/go to new/scroll to more/go to google drawings:

- Create a google drawing of a scene--scene must be realistic and contain at least **5 different polygons**--share with me

Coordinate Plane:

<https://cpb-us-e1.wpmucdn.com/cobblearning.net/dist/9/3523/files/2018/04/6th-grade-math-coordinate-plane-project-1udtfx.pdf>

--create a shape on a grid with 4 quadrants-like pg. 3 from website (use your graph paper)-you must use all **4 quadrants** and **straight lines only**--send me a picture of

Your shape

--using the attached document list your ordered pairs/quadrants-share w/ me

--**your must use at least 5 shapes/60 ordered pairs**

Skittles Project: buy a **bag of original** skittles/sort by color and complete the attached form and share with me (enjoy your treat **after** you record the number of each)

Math Shadows: It must be a sunny day to complete! (indirect measurement)

1. Measure your height--**use inches**
2. Go outside/face the sun/have someone measure your shadow--from your heel to the tip of your shadow--**use inches**
3. Record on attached sheet as: $\frac{\text{your height}}{\text{your shadow ht.}}$ *This is your ratio
4. Locate 3 large items outside that you could not measure with a yardstick (example basketball hoop, flagpole, telephone pole, large pole, tree, etc.)
5. Find each of the 3 item's shadow--**use inches**
6. Record on attached sheet as: $\frac{\text{height ?}}{\text{Shadow ht. of item}}$ *This is the ratio of the item
7. Create a proportion: $\frac{\text{your height}}{\text{your shadow ht.}} = \frac{?}{\text{Shadow ht. of item}}$
*** ? represents the height of the item
8. Find the height of the large item(find with cross multiplication-your height x shadow ht. of item divided by your shadow ht.) or relationship of left side to right side)

Interactive math games:

<https://sites.google.com/view/envisionmathematics6-8/envision>

Scroll down to bottom left 6-8 online games--enjoy games

Mathplayground.com

prodigy.com

--play any game that relates to ratio/proportions; number systems; expressions/equations; Geometry; statistics

HAVE FUN!

Coordinate Plane Project: You must have at least 5 shapes and 60 ordered pairs--use straight lines only.

List Shape # and ordered pairs

Shape: 1

Ordered Pairs

Shape: 2

Ordered Pairs

Shape 3

Ordered Pairs

Shape 4

Ordered Pairs

Shape 5

Ordered Pairs

SKITTLES PROJECT: place the number of each color

GREEN:

ORANGE:

PURPLE:

RED:

YELLOW:

TOTAL:

FIND THE FOLLOWING:

RANGE:

MEAN:

MEDIAN:

MODE:

COMPLETE THE CHART:

COLOR FRACTION DECIMAL PERCENT

GREEN

ORANGE

PURPLE

RED

YELLOW

If we put all the skittles in a container and pull out one without looking, which color do we have the highest probability of pulling out ?

The least probability of pulling out?

MATH SHADOWS PROJECT:(using indirect measure to find height)

USE INCHES TO MEASURE ALL

STUDENT HEIGHT = INCHES

STUDENT SHADOW= INCHES

Set up all items using a proportion:

$$\frac{\text{Student height}}{\text{Student shadow}} = \frac{? \text{ (item ht.)}}{\text{item shadow}}$$

ITEM #1=

Proportion:

Item Height =

ITEM #2=

Proportion=

Item Height=

ITEM #3=

Proportion=

Item Height=

