

**2<sup>nd</sup> Math/Science****Weeks 9 and 10: May 18-29, 2020**

**Instructions:** Students will complete the required new learning from the teacher for the next week. Students can supplement their new learning by choosing activities from the choice boxes below.

**Math Power Standard for Week 9:** 2.9B Describe the inverse relationship between the size of the unit and the number of units needed to equal the length of an object (the bigger the unit used to measure, the smaller amount of units needed)

**Science Power Standard for Week 9:** 2.9B Identify factors in the environment, including temperature and precipitation, that affect growth and behavior such as migration, hibernation, and dormancy of living things.

**Materials Needed:**

Paper and pencil

Optional Online Resources for Enrichment:

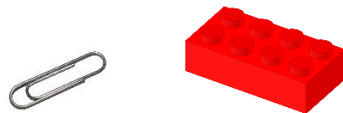
- Istation Math: <https://www.istation.com/istationhome>
- Greg Tang Math: [www.gregtangmath.com](http://www.gregtangmath.com)
- Investigations Games: <https://media.pk12ls.com/curriculum/math/Investigations3/gamecenter/english/index.html#>
- Math Playground: <https://www.mathplayground.com/>
- Math Learning Center Apps: <https://www.mathlearningcenter.org/resources/apps>

**Choice 1: Math 2.9B Measuring**

Draw a starting line and jump as far as you can from that line. Now, measure how far you jumped with a ruler, a yardstick, or a measuring tape. Jump again and compare the distance you jumped from the first time to the second time.

**Choice 2: Math 2.9B Measuring**

Draw a line on a piece of paper and measure it with different things, such as paper clips, legos, crayons, etc. Make sure that the items you use to measure with are all the same size. What happens when you measure the same line with small objects and then measure it again with large objects?

**Choice 3: Science 2.9B Environmental Effects**

Watch this video on Hibernation: [Getting Ready for Hibernation!](#) Draw a picture of an animal before, during, and after hibernation. How are they alike? How are they different?

**Summer Suggestions:**

1. Practice addition and subtraction facts up to 20.
2. Practice comparing and ordering numbers up to 1,200 using  $<$ ,  $>$ , or  $=$ .
3. Practice solving for addition and subtraction word problems within 1,000, using place value strategies.
4. Play Istation Math.
5. Measure items around your house with a ruler, yardstick or tape measure.
6. Take a walk inside and outside your house. Record the sounds you hear in a T-chart. How are the sounds alike and different? Create a musical instrument or noisemaker with items found in your house.
7. Using household items, such as coffee filters, napkins, tape, paper cups, and pennies, create a parachute. How does wind affect your parachute?
8. Create a ramp using blocks to test out the speed of a toy car or marble. How can you make the car go faster? How can you make the car go slower?