

Forms of Energy--Light & Sound 4.P.4

Plants are living things and living things both need energy and will respond to energy. Light and sound are forms of energy. Think of something to investigate regarding light or sound on the plants below. Sketch the different ways each plant would be treated. *Need an example? Suppose we were testing to see if the amount of light shining on a plant would cause it to grow faster. Plant A has 1 light shining on it, Plant B has 2 lights, and Plant C has 3 lights*



Explain your investigation below.

Summer Science Contest for Rising 4th Graders

Name (First MI Last) _____

School _____ Grade Level for 2017-18 _____

*Parents, your assistance is greatly appreciated! Please assist your child with online searches and decision making, but the work submitted should be your child's work.

**When complete, please drop off at the front desk of ANY Elementary school in Rock Hill Dist. #3. Buildings are closed on Fridays.

***The deadline for submission is **Thursday, June 29, 2017**. Winners will be announced at the start of the 17-18 school year.

****Entries valid only from Rock Hill School District #3 students.

Characteristics of Growth of Organisms 4.L.5

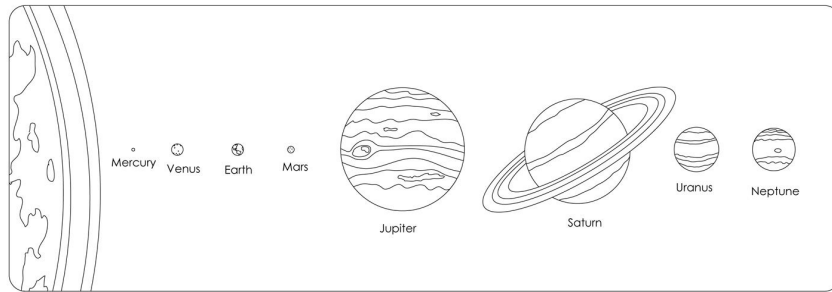


Draw a detailed, scientific sketch of an organism of your choice.

Label its parts.

Research your organism. Describe one of its adaptations and how it uses that adaptation for survival.

Stars and the Solar System 4.E.3



A mnemonic device is a fun sentence to help us remember certain things in order. For example, in music, the notes in the spaces are A-C-E-G. Often, people remember these by saying “all cows eat grass”

Think of a mnemonic device for remembering the planets in order. Be creative and original!

Which is your favorite planet? Draw a scientific sketch of your favorite planet. Label any parts of the planet that need a label. Write why it is your favorite.

Weather and Climate 4.E.2

Devin is glad it's finally _____ . In SC, summer temperatures are _____ than at any other time of the year. And since there is no school stress is _____ ! Being a future _____ , one thing Devin notices is that there are lots of _____ clouds in the sky.

It didn't look like rain would fall any time soon. He was sure the _____ pressure was high. He checked the temperature on _____

his front porch--it was 81° _____. Yesterday at this time it was 84°F, three _____ higher than today. He needed to get all _____

of his outdoor play done early because an afternoon _____ was likely. He researched this and found that the heat from the _____

causes the water cycle to take place rapidly. When water from lakes and ponds _____ into rapidly rising warm air, the ingredients for a

thunderstorm are ready. While thunderstorms are loud and wet, it's the _____ that is most dangerous. The best place to be is safe

inside a _____ with the windows and doors closed. As Devin climbs onto his bike, he thinks, what a great day it is to be a _____ !



