



**DISTANCE LEARNING PACKET**

**7<sup>TH</sup> GRADE**

**SCIENCE**

### **7th Grade Life Science**

Day 1: Write a short essay explaining why it is important to classify organisms and how they are classified into Domains, Kingdoms, Phylums, Classes, Orders, Family, Genus, Species.

Day 2: In your own words, explain the following terms used in the scientific method. Qualitative observation, quantitative observation, inferring, predicting, scientific inquiry, hypothesis, variable, Independent (Manipulated variable), Dependent (Responding) Variable, Control, data Scientific Law, Scientific Theory

Day 3: Explain what information would go in each step of the scientific method. If possible, use the above terms.

Question:

Background:

hypothesis:

Experiment:

Analyze & Conclude:

Day 4-5: Suppose you got up this morning and the lightbulb in your room wouldn't come on. Use the steps of the scientific method to explain how you would solve the problem and make the light work again.