**Lesson Title:** Survival of the Fittest

**Grade:\_\_3\_\_**

**Objectives:**

**Standard 2: Earth Science**

***Core Standard:*** Observe and describe how natural materials meet the needs of plants and animals (including humans).

3.2.5 Describe natural materials and give examples of how they sustain the lives of plants and animals. Organic-anything that has ever lived or is living

Inorganic-everything left after burning

**Materials/preparation:**

Soil samples, scale, ceramic bowl over a fire, periodic table

**Sequence of activities/procedures:**

What does a plant need in order to survive? Soil

What is in soil?

Is soil living or nonliving? Living, because organic matter is living. Let’s prove it!

Take a soil sample.

Weigh it

Burn it

Weigh it (pot ash) Now you can see what is left, the inorganic material. The organic burned up. Vitamins and Minerals.

**Assessment/Closure:**

Journal