



## ***Next Generation Science Standards***

### **2<sup>nd</sup> Grade**

#### **Overarching Themes**

##### **Matter and Its Interactions (2-PS1)**

- a. Describe and classify different kinds of plants based on observable traits (trees, shrubs, grasses, forbs) (2-PS1-1)

##### **Ecosystems: Interactions, Energy and Dynamics (2-LS2)**

- a. Show (or explain) how or why plants need water to grow. (2-LS2-1)
- b. Show how animals disperse seeds or pollinate plants. (2-LS2-2)

##### **Biological Evolution: Unity and Diversity (2-LS4)**

- a. How can you tell different species of plants apart? (2-LS4-1)
- b. Find similar plants – what do they have in common? Do they all live in the same place? (2-LS4-1)

##### **Earth's Place in the University (2-ESS1)**

- a. Earth's events can occur quickly or slowly (2-ESS1-1)

##### **Earth's Systems (2-ESS2)**

- a. How can the shape of land change by weathering, wind, and water (2-ESS2-1)
- b. Where is water found on Earth? (2-ESS2-3)

##### **Engineering Design (K-2-ETS1)**

- a. How does the shape of an object affect its function? (K-2-ETS1-2)