

## Grade 1 Stemscores Required Units and Standards

### Physical Sciences

#### 1. Behavior of Light

##### **NGSS.1.PS.PS4.2** (1-PS4-2)

*Performance Expectation* Make observations to construct an evidence-based account that objects can be seen only when illuminated.

##### **NGSS.1.PS.PS4.3** (1-PS4-3)

*Performance Expectation* Plan and conduct an investigation to determine the effect of placing objects made with different materials in the path of a beam of light.

#### 2. Sound

##### **NGSS.1.PS.PS4.1** (1-PS4-1)

*Performance Expectation* Plan and conduct investigations to provide evidence that vibrating materials can make sound and that sound can make materials vibrate.

### Life Sciences

#### 1. Parts of Animals

##### **NGSS.1.LS.LS1.1** (1-LS1-1)

*Performance Expectation* Use materials to design a solution to a human problem by mimicking how plants and/or animals use their external parts to help them survive, grow, and meet their needs.

#### 2. Parts of Plants

##### **NGSS.1.LS.LS1.1** (1-LS1-1)

*Performance Expectation* Use materials to design a solution to a human problem by mimicking how plants and/or animals use their external parts to help them survive, grow, and meet their needs.

### **3. Animal Trait, Inheritances and Variation**

#### **NGSS.1.LS.LS3.1** (1-LS3-1)

*Performance Expectation* Make observations to construct an evidence-based account that young plants and animals are alike, but not exactly like their parents

### **Earth and Space Sciences**

#### **1. Patterns in Space**

#### **NGSS.1.ESS.ESS1.1** (1-ESS1-1)

*Performance Expectation* Use observations of the sun, moon, and stars to describe patterns that can be predicted.