

Activities for the week of December 19<sup>th</sup> – 25<sup>th</sup>

We are so excited for our fourth week of DeSTEMber!

12.19 Citizen Science Sunday: Silent Earth

12.20 Soapy Membranes

12.21 DIY Electroscope

12.22 Wind Energy

12.23 Density Columns

12.24 Flying Tinsel

12.25 Moon Observation Saturday

(insert Amazon Smile block)

### **12.19 – Citizen Science Sunday: Silent Earth**

- Computer, tablet, or smartphone with internet access

### **12.20 – Soapy Membranes**

- Dish soap (2 teaspoons)
- 2 plastic straws
- Ruler
- Scissors
- Shallow pan
- String (48 inches)
- Unsharpened pencil
- Water (½ cup)
- White sugar (2 teaspoons)

### **12.21 – DIY Electroscope**

- Clear tape
- Modeling clay
- 4 plastic bendy straws
- 2 small paper cups (3-5oz)

### **12.22 – Wind Energy**

- 4 craft sticks
- Drill, ice pick, or awl
- Fan, hairdryer, or a windy day
- Hot glue gun or glue dots
- 5mm LED (red)

- Large paper cup (9-16 oz)
- Small hobby motor (6-12 volts)
- Small paper cup (3-5 oz)
- Tape

### **12.23 – Density Columns**

- Clear cup or glass
- Food coloring
- Pancake syrup
- Small household items (Grape, penny, ping pong ball, plastic pony bead, popcorn kernel, etc.)
- Vegetable oil
- Water

### **12.24 – Flying Tinsel**

- Latex balloon
- Multiple surfaces to test static electricity charge (your hair, a wool sweater, cotton, nylon, etc.)
- Tinsel

### **12.25 – Moon Observation Saturday**

- Moon Observation Journal (from Moon Phases activity)