



Lesson: Balloon Rockets

Materials Needed:

- 1 Plastic Straw
- 1 Balloon (Round ones will work, but the longer balloons work best)
- 1 Long piece of kite string (About 10-15 feet long)
- Tape
- Measuring tape or meter/yard stick
- If Kite string is not available, you may use: Fishing line, nylon string or cotton string

Topic: Renewable Energy

Lesson: Renewable Energy Introduction

Materials Needed:

- Youtube Video: [Renewable Energy 101 – National Geographic](#)

Lesson: Solar Energy – Making a Solar Oven

Materials Needed:

- Cardboard Pizza Box
- Pencil
- Ruler
- Scissors
- Aluminum Foil
- Aluminum Pie Plates
- Tape
- Black construction paper
- Plastic wrap
- Cooking ingredients, like those for s'mores or nachos

(Do not use your oven to prepare raw meat)

- Thermometer that goes up to 250 degrees Fahrenheit (Optional)

