

## **Online Resources**

Experiment D1

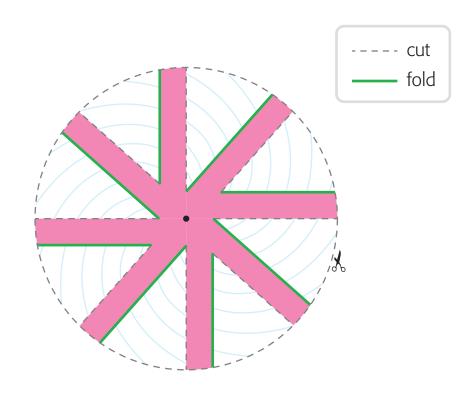
Grade 5 Understanding Earth and Space Systems – Conservation of Energy and Resources

## TRANSFORMING ENERGY

#### **Instructions:**

- 1 Cut along the dotted lines.
- 2 Fold along the green lines.

the finished cut-out



**Grade 5 Understanding Earth and Space Systems –**Conservation of Energy and Resources

#### TRANSFORMING ENERGY

# Different Forms of Energy

Energy is all around us. It can be in different forms, but no matter what form it takes, energy is important to us. Some forms of energy can be transformed into another, and things cannot be done without them. Below are some of the forms of energy.



## **Heat Energy**

a form of energy that releases heat



## **Electrical Energy**

energy in the form of electricity



# **Light Energy**

a form of energy that emits light



#### **Nuclear Energy**

energy released during a nuclear reaction



## **Magnetic Energy**

energy in the form of attractive and repulsive forces of magnets



## **Gravitational Energy**

energy that comes from the Earth's gravitational pull



## **Sound Energy**

energy that involves objects vibrating