

Name \_\_\_\_\_ Date \_\_\_\_\_

# Transformation of Energy

## Station 1: Boiling Over

Kinetic	Kinetic
Radiant Energy	Radiant Energy
Thermal Energy	Thermal Energy
Motion	Motion
Sound	Sound
Electrical Energy	Electrical Energy

## Station 2: Don't Make a Sound

Kinetic	Kinetic
Radiant Energy	Radiant Energy
Thermal Energy	Thermal Energy
Motion	Motion
Sound	Sound
Electrical Energy	Electrical Energy

## Station 3: Back Where We Started

Potential	Kinetic
Chemical Energy	Radiant Energy
Nuclear Energy	Thermal Energy
Stored Mechanical	Motion
Gravitational	Sound
	Electrical Energy

## Station 4: Spilling Over

Potential	Kinetic
Chemical Energy	Radiant Energy
Nuclear Energy	Thermal Energy
Stored Mechanical	Motion
Gravitational	Sound
	Electrical Energy

## Station 5: Get Back Here

Potential	Kinetic
Chemical Energy	Radiant Energy
Nuclear Energy	Thermal Energy
Stored Mechanical	Motion
Gravitational	Sound
	Electrical Energy

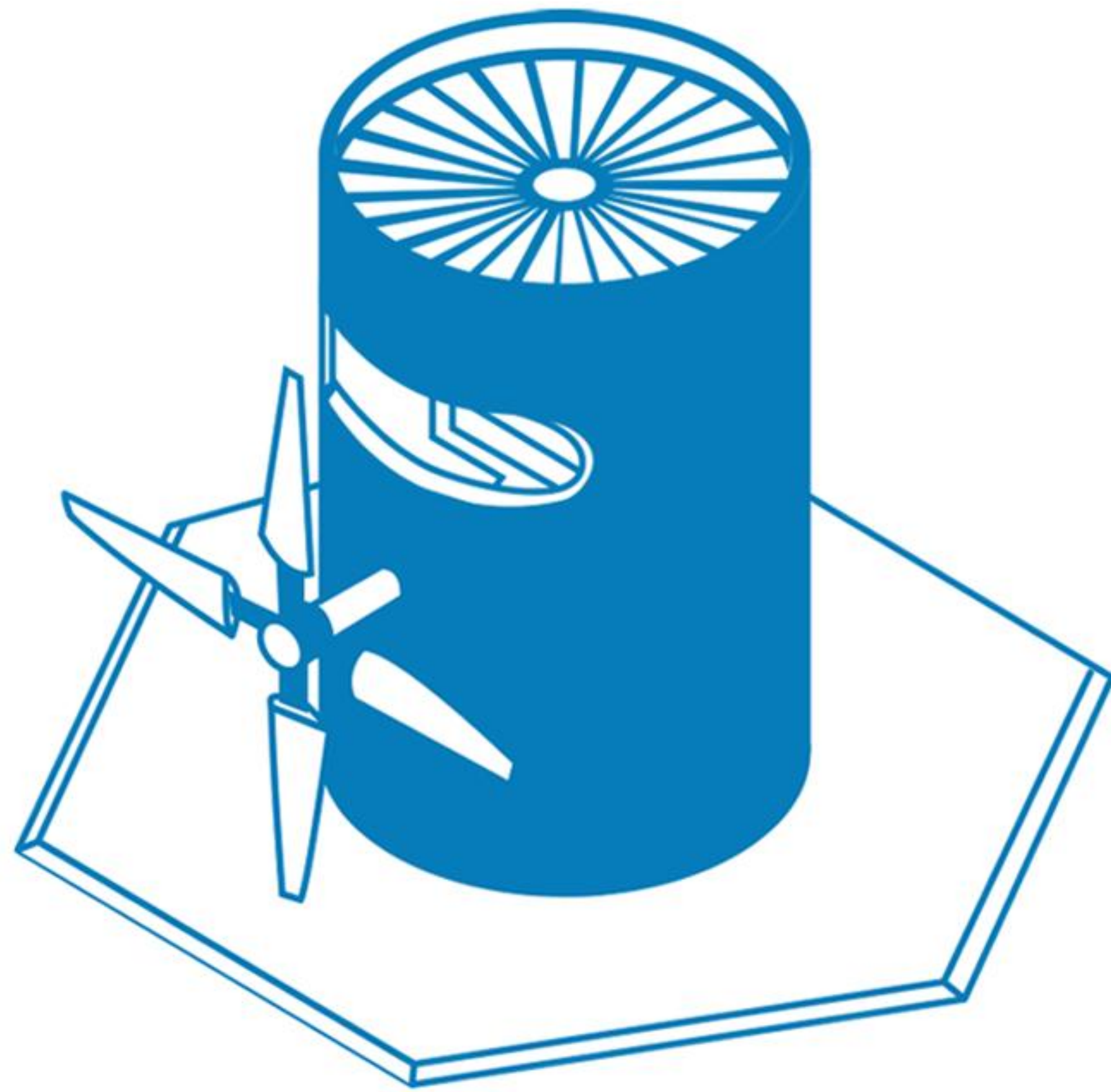
## Station 6: Light at the End of the Tunnel

Kinetic	Kinetic	Kinetic
Radiant Energy	Radiant Energy	Radiant Energy
Thermal Energy	Thermal Energy	Thermal Energy
Motion	Motion	Motion
Sound	Sound	Sound
Electrical Energy	Electrical Energy	Electrical Energy

## Station 7: Warming Up

Potential	Kinetic
Chemical Energy	Radiant Energy
Nuclear Energy	Thermal Energy
Stored Mechanical	Motion
Gravitational	Sound
	Electrical Energy





## Electricity Generation Transformations

**Instructions:** Now you have mastered various energy transformations in everyday life. Use this knowledge to complete the diagram below that describes the energy transformations necessary to create electricity for your group's generator. Circle whether the transformation is Potential or Kinetic.

**Energy Source:** \_\_\_\_\_

