

First name: \_\_\_\_\_

# **CRAZY CONTRAPTIONS**

RUBE GOLDBERG MACHINE

Name of my contraption:

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What task does my contraption complete?

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List the materials you will need for your contraption  
in the box below.

# CRAZY CONTRAPTIONS

## DESIGN A RUBE GOLDBERG MACHINE

Draw and color the design for your crazy contraption below. Label the different simple machines and energy types in your contraption. Use arrows to show when an object is moving.

Simple machine types: wedge, screw, level, wheel and axel, inclined plane, or pulley

Energy types: potential energy or kinetic energy

# CRAZY CONTRAPTIONS

## SIMPLE MACHINES

**Write 3 different objects you used and the 2-3 different types of simple machines they are in the space below.** (Ex. My machine uses a doorknob as a wheel and axel.)

*Simple machine types: wedge, screw, level, wheel and axel, inclined plane, or pulley*

**MY MACHINE USES...**

1

**MY MACHINE USES...**

2

**MY MACHINE USES...**

3

# CRAZY CONTRAPTIONS

## ENERGY TYPES

In the boxes below, name four different objects in your contraption and circle which type of energy it has.

*Ex. Marble - Potential energy: it is still*

1

**NAME OF OBJECT:**

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POTENTIAL ENERGY:  
IT IS STILL

**OR**

KINETIC ENERGY: IT IS  
MOVING

2

**NAME OF OBJECT:**

---

POTENTIAL ENERGY:  
IT IS STILL

**OR**

KINETIC ENERGY: IT IS  
MOVING

3

**NAME OF OBJECT:**

---

POTENTIAL ENERGY:  
IT IS STILL

**OR**

KINETIC ENERGY: IT IS  
MOVING

4

**NAME OF OBJECT:**

---

POTENTIAL ENERGY:  
IT IS STILL

**OR**

KINETIC ENERGY: IT IS  
MOVING