

Name: \_\_\_\_\_

## One of These Don't Belong – Which one is it?

**Part 1 –DIRECTIONS:** Determine which toy's energy transformation doesn't match the other two.

Station #	Which toy doesn't belong with the other two toys? Describe the toy and/or draw a picture.	What is the energy transformation for the toy that doesn't fit? List the forms of energy in order of its transformation.
SAMPLE		
1		
2		
3		
4		

**Part 2 – DIRECTIONS:** Determine the energy transformation for the toys that match.

SAMPLE: \_\_\_\_\_

Station #1: \_\_\_\_\_



Station #2: \_\_\_\_\_

Station #3: \_\_\_\_\_

Station #4: \_\_\_\_\_



# One of These Don't Belong Lab Setup

## SAMPLE:

Toy that doesn't belong	Toys that do belong together	
		
<b>Spinning Top</b>  <b>Energy Transformation:</b> Mechanical → Sound + Thermal	<b>Toy #1: Poppers</b> <b>Toy #2: Jumping frog</b>  <b>Energy Transformation:</b> Elastic PE → Mechanical → Gravitational PE ...	






## Station #1:

Toy that doesn't belong	Toys that do belong together	
		
<b>Magnetic Gyro Wheel</b>  <b>Energy Transformation:</b> Magnetic + Gravitation PE → Mechanical + Sound	<b>Toy #1: Wind Up Toy Car</b> <b>Toy #2: Wind Up Fishing Game</b>  <b>Energy Transformation:</b> Elastic PE → Mechanical + Sound	






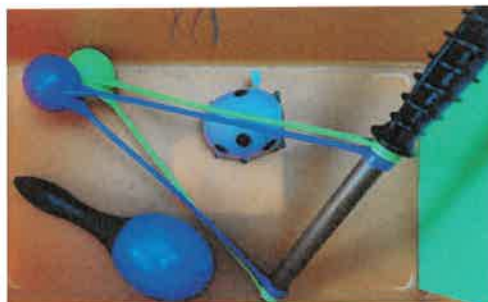
**Station #2:**

Toy that doesn't belong	Toys that do belong together	
		
<p><b>Hand Blasters</b></p> <p><u><b>Energy Transformation:</b></u> Chemical → Mechanical + Sound</p>	<p><b>Toy #1: Wind Up Flamingo</b> <b>Toy #2: Push Down Baseball Thrower</b></p> <p><u><b>Energy Transformation:</b></u> Elastic PE → Mechanical + Sound</p>	






**Station #3:**

Toy that doesn't belong	Toys that do belong together	
		
<p><b>Wind Up Flipping Lady Bug</b></p> <p><u><b>Energy Transformation:</b></u> Elastic PE → Mechanical + Sound</p>	<p><b>Toy #1: Maracas</b> <b>Toy #2: Clapping Hands</b></p> <p><u><b>Energy Transformation:</b></u> Mechanical → Sound + Thermal</p>	



**Station #4:**

Toy that doesn't belong	Toys that do belong together	
		
<p><b>Smiling Faces Wind Up Toy</b></p> <p><u><b>Energy Transformation:</b></u> Elastic PE → Mechanical + Sound</p>	<p><b>Toy #1: Crazy Hair Pop Up</b> <b>Toy #2: Popper</b></p> <p><u><b>Energy Transformation:</b></u> Elastic PE → Mechanical + Sound + Gravitation PE...</p>	

