

**Directions:** Follow the directions provided by the teacher to complete the following "Phactivities".

**For each Station,**

- 1) **Describe and explain** the unique occurrence that you observe, and
- 2) According to your description, what will you **name this property** or occurrence? [Be creative but "scientific".]

Station and Description

**1 Losing Your Marbles**

Play around with the marbles (20 total).

- 1) Describe and **explain** the unique occurrence:
  
  
  
  
  
  
  
  
  
  
- 2) Name this property/occurrence:

**2 My Favorite Martian**

Place the "Martian Hat" on the top of your head and slowly spin your body around.

- 1) Describe and **explain** the unique occurrence:
  
  
  
  
  
  
  
  
  
  
- 2) Name this property/occurrence:

**3 Catch Me if You Can**

Place a penny on your elbow and then catch the same penny in the same hand that was holding it on the elbow. You should be able to catch the penny before it falls.

- 1) Describe and **explain** the unique occurrence:
  
  
  
  
  
  
  
  
  
  
- 2) Name this property/occurrence:

#### **4 Teddy Chair**

Place "Teddy" in the chair and move the chair by pushing it. Now place a student in the chair and move the chair. What difference did you observe?

1) Describe and **explain** the unique occurrence:

2) Name this property/occurrence:

#### **5 Bowling for Scooters**

Push a student three feet quickly while he/she is seated on a scooter. Repeat with the student holding a bowling ball. In which situation does the scooter speed up more?

1) Describe and **explain** the unique occurrence:

2) Name this property/occurrence:

#### **6 Color Me Happy**

Hold the piece of glass up to the light on the overhead projector. Try to create a "reflection" on the ceiling.

1) Describe and **explain** the unique occurrence:

2) Name this property/occurrence:

#### **7 Who's the Winner?**

Drop a baseball and smaller rubber ball from the same height. Which one lands first?

1) Describe and **explain** the unique occurrence:

2) Name this property/occurrence:

#### **8 Tippy Toes**

Stand with your back and heels against the wall, feet flat on the floor and bend over to touch your toes. Can you do it? Why not?

1) Describe and **explain** the unique occurrence:

2) Name this property/occurrence: