

Name \_\_\_\_\_

**Science Study Guide**

**Water Unit**

**Test Date** \_\_\_\_\_

- Water would flow fastest from \_\_\_\_\_
- Why does this happen? \_\_\_\_\_
- Ice is a \_\_\_\_\_
- Water is a \_\_\_\_\_
- Water Vapor is a \_\_\_\_\_
- The larger the drop the \_\_\_\_\_ it moves.
- The smaller the drop the \_\_\_\_\_ it moves.
- A towel will \_\_\_\_\_ most of the water when drying something wet.
- Draw what soapy water looks like on a smooth, hard surface.
  
- Draw what plain water looks like on a smooth, hard surface.
  
- What property of water allows a water strider to “stand” on water instead of sinking? \_\_\_\_\_
- If a vial of hot water is placed into a cup of room temperature water, what will happen to the hot water?  
\_\_\_\_\_
- Why does this happen? \_\_\_\_\_

- Water will flow \_\_\_\_\_ with a \_\_\_\_\_ drop and \_\_\_\_\_ slope.
- How will the balance look if a vial of water is placed on each end?  
\_\_\_\_\_
- How will the balance look if one vial has water and the other vial has ice? \_\_\_\_\_
- An object at the bottom of a cup of water is evidence that the object is \_\_\_\_\_ dense than the water. If the object is floating than it is evidence the object is \_\_\_\_\_ dense.
- The \_\_\_\_\_ the surface area the faster the water will evaporate.
- List 3 examples of precipitation \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_
- Water drops come from \_\_\_\_\_
- Evaporation happens when water changes from \_\_\_\_\_ to \_\_\_\_\_
- Evaporation can occur at \_\_\_\_\_ temperature.
- The rate of evaporation \_\_\_\_\_ as surface areas get \_\_\_\_\_
- List the steps of the water cycle
  1. \_\_\_\_\_
  2. \_\_\_\_\_
  3. \_\_\_\_\_
  4. \_\_\_\_\_

Name \_\_\_\_\_

## Science Study Guide – Answer Key

### Water Unit

Test Date \_\_\_\_\_

- Water would flow fastest from **The highest point**
- Why does this happen? **It will have the steepest slope**
- Ice is a **Solid**
- Water is a **Liquid**
- Water Vapor is a **Gas**
- The larger the drop the **Faster** it moves.
- The smaller the drop the **slower** it moves.
- A towel will **absorb** most of the water when drying something wet.
- Draw what soapy water looks like on a smooth, hard surface.
  
- Draw what plain water looks like on a smooth, hard surface.
  
- What property of water allows a water strider to “stand” on water instead of sinking? **Surface Tension**
- If a vial of hot water is placed into a cup of room temperature water, what will happen to the hot water? **The hot water rises to the top**
- Why does this happen? **Water expands when heated**
- Water will flow **faster** with a **larger** drop and **steeper** slope.

- How will the balance look if a vial of water is placed on each end? level  
- equal
- How will the balance look if one vial has water and the other vial has ice? The balance will be tipped towards the ice side
- An object at the bottom of a cup of water is evidence that the object is More dense than the water. If the object is floating than it is evidence the object is Less dense.
- The larger the surface area the faster the water will evaporate.
- List 3 examples of precipitation Rain \_\_\_\_\_, Snow \_\_\_\_\_,  
Hail \_\_\_\_\_
- Water drops come from Water vapor
- Evaporation happens when water changes from Liquid to Gas
- Evaporation can occur at Any temperature.
- The rate of evaporation increases as surface areas get larger
- List the steps of the water cycle
  1. Evaporation 2. Condensation
  3. Precipitation 4. Run off