**WATER PROPERTIES LABS**

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

***Water Pressure Demonstration***

1. What will happen to the soda can when the water inside the can heats up and then is placed in cold water upside down? Write a hypothesis.

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2. Explain your hypothesis.

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3. Was your hypothesis accurate? Describe what happened.

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4. Write a conclusion that explains ***water pressure***.

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***Water Buoyancy Demonstration***

1. Will a raw egg placed in freshwater sink or float? Write a hypothesis.

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2. Will a raw egg placed in freshwater sink or float? Write a hypothesis.

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3. Was your hypothesis accurate? Describe what happened.

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4. Write a conclusion that explains ***water buoyancy***.

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***Water Density Demonstration***

1. What will happen when cold water is added to hot water? Write a hypothesis.

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2. Explain your hypothesis.

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3. Was your hypothesis accurate? Describe what happened.

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4. Write a conclusion that explains ***water density***.

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***Water Density Column Lab***

1. Predict the order of density, from least dense to most dense: corn syrup, water, rubbing alcohol, and vegetable oil.

 1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 4. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

2. Explain why you ordered your liquids in this way.

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3. Was your hypothesis accurate? Describe what happened.

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4. Write a conclusion that explains ***water density***.

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