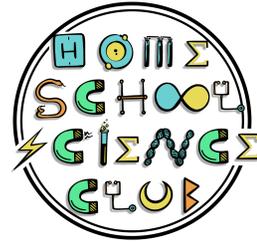


Thank You!!



Thanks for downloading the Surface Tension assessment sheet. This is meant to accompany the corresponding Surface Tension video (Episode 25) on [youtube.com/homeschoolscienceclub](https://www.youtube.com/homeschoolscienceclub). Here, you will find other videos to enrich your homeschool science curriculum, teaching, and learning.\*\*

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Name \_\_\_\_\_

Date \_\_\_\_\_

## Surface Tension

1. True / False The cohesive force between water molecules in a glass of water at the surface is stronger than the cohesive force in the center of the glass.
2. Frozen water (Ice) is less dense than liquid water and therefore will \_\_\_\_\_ (sink/float) when placed in a glass of water.
3. Water is made up of
  - A. One hydrogen and one oxygen
  - B. Two hydrogens and two oxygens
  - C. One hydrogen and two oxygens
  - D. Two hydrogens and one oxygen
4. A surface is anything that \_\_\_\_\_ (increases/decreases) the surface tension of a solution.
5. Using the space below, make a bar graph displaying the results of an experiment that you do at home. You can see how many drops of water and another solution you can fit on a penny (or any coin), or possibly how many drops of water you can fit on different coins.

Name \_\_\_\_\_

Date \_\_\_\_\_

## Surface Tension-Answer Key

1. True / False The cohesive force between water molecules in a glass of water at the surface is stronger than the cohesive force in the center of the glass.
2. Frozen water (Ice) is less dense than liquid water and therefore will Float (sink/float) when placed in a glass of water.
3. Water is made up of
  - A. One hydrogen and one oxygen
  - B. Two hydrogens and two oxygens
  - C. One hydrogen and two oxygens
  - D. Two hydrogens and one oxygen
4. A surfactant is anything that decreases (increases/decreases) the surface tension of a solution.
5. Using the space below, make a bar graph displaying the results of an experiment that you do at home. You can see how many drops of water and another solution you can fit on a penny (or any coin), or possibly how many drops of water you can fit on different coins.

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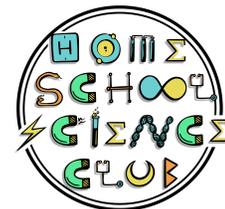
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