

Name _____

Due Date _____

HOME/SCHOOL CONNECTION

Saturating Solutions

Can you make a saturated solution at home?

1. Measure a volume of water into a container. How much did you use? (Hint: Think Metric!) _____
2. Add one scoop of sugar at a time, stirring after each addition. Continue this process until you have reached saturation. How many scoops did it take you to saturate?

3. How do you know you have reached saturation?

4. Using symbols and a key, draw a picture of your saturated solution below.

5. Identify the **solute** and **solvent** in your solution.

6. Is the undissolved sugar part of the saturated solution? Explain.

Experimenting with saturated solutions

Be sure to work with an adult and use safety precautions!

Conduct an investigation that tests the effect of heat on the amount of solute that will dissolve in a solution.

Describe your process and results below.