

Sweet Science

Name: _____ Date: _____



1. Question: What happens to Sugar when it is added to Water?

2. Equipment: Write down or draw the items needed to do the experiment.

3. Prediction: Write down or draw what you think will happen when Sugar is added to the Water.

4. Method: Describe with pictures or words how the experiment was done.

5. Result: Write down or draw what happened when Sugar was added to the Water.

6. Conclusions: Write down or draw what you learned from the experiment.



Sweet Science

Parent Copy



1. Question: What happens to Sugar when it is added to Water?

2. Equipment: Write down or draw the items needed to do the experiment.

- 300ml Glass
- Measuring jug with 250ml of water
- Bowl of (castor) Sugar
- Teaspoon
- Food colouring (Parent only)

3. Prediction: Write down or draw what you think will happen when Sugar is added to the Water.

Suggestions:

- The sugar will float on top?
- The sugar will drop to the bottom of the glass?
- The sugar will dissolve in the water immediately?

4. Method: Describe with pictures or words how the experiment was done.

1. Fill the 250ml glass from the water jug (Ask your child to formulate their PREDICTIONS)
2. Add 7 level teaspoons of Sugar to the glass of water (**do not stir**)
IMPORTANT: Use a knife or ruler to level the spoon each time so it equals 4 grams
3. Stir the water and sugar solution vigorously until the sugar dissolves
(Discuss how the PREDICTIONS compared with the end RESULT)
4. Add two drops of food colouring

5. Result: Write down or draw what happened when Sugar was added to the Water.

Suggestions:

- At first the 7 teaspoons of sugar sat at the bottom of the glass and didn't dissolve
- When the solution was stirred the sugar dissolved and became invisible

6. Conclusions: Write down or draw what you learned from the experiment.

Suggestions:

- There is a lot of invisible sugar in soft drinks and some processed foods
- Too much sugar is unhealthy for your body
- Too much sugar can damage your teeth

