Sugar Models

Smithsonian
Science Education Center

Drawing Your Models

Draw models to show the following:

Model 1
What happened to the sugar when it was added to water.

Model 2
What happened to the water when the dish was left out.

Using Your Models

Use your models to answer the following questions:

1. Why was the weight of sugar and water the same before as after mixing?

2. Would the weight of the weighing dish of sugar and water be the same, more, or less after it was left out? Explain your answer.