

Activity 4.3

# Temperature affects dissolving

## Does cocoa mix dissolve better in hot water or cold water?

### Plan your experiment

1. In this experiment, you are going to compare how well cocoa mix dissolves in cold and hot water. Discuss how you will set up your experiment with your group and write your group's plan in the space below.

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### Conduct your experiment

#### What do you observe?

2. Describe what happens when you place cocoa mix in cold and hot water.

Cold water	Hot water

3. Based on what you saw in your experiment, does increasing the temperature of a liquid affect how much cocoa will dissolve in it?

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