ACCESS for ELLs Paper
Grades 4-5 · Tier A
Speaking Sample Item
Now we are going to talk about a science project. Look at the picture. This picture shows the materials Mrs. Green’s class will use.

Nina, what are two things you see in this picture?

... 

Now it’s your turn. Look at the picture again. In a moment, I will ask you what other things you see in this picture. Think about it.

What other things do you see in this picture?
Rock Candy Investigation
Rock Candy Investigation

The students want to see what will happen when they combine sugar with water at different temperatures.
Rock Candy Investigation

Cold Water Mixture

Hot Water Mixture
First, Mrs. Green stirs half the sugar into ice cold water and half the sugar into boiling hot water. She pours each sugar mixture into a separate jar.
Rock Candy Investigation

Cold Water Mixture

Hot Water Mixture
Next, the students hang a screw tied to the middle of a pencil in each sugar mixture. They leave the jars untouched and observe the changes.
Look at Day 1. In the cold water mixture, only a small amount of the sugar dissolved, or mixed evenly with the water. Most of the sugar settled at the bottom of the jar.

However, in the hot water mixture, the sugar completely dissolved in the water, creating a sugar water solution.
Now look at Day 10. In the cold water mixture, the ice melted. Some of the water evaporated, which means the water changed from a liquid into a gas. But the sugar remained at the bottom of the jar.

In the hot water mixture, about half of the water evaporated. The sugar has started to form solid sugar crystals around the screw and the string.
Rock Candy Investigation

Day 1

Cold Water Mixture

Day 10

Day 24

?
Nina, make a hypothesis, or a scientific prediction, about what you think will happen to the cold water mixture by Day 24.
Rock Candy Investigation

Day 1

Day 10

Hot Water Mixture

Day 24

?
Now it’s your turn.

In a moment, I will ask you to make a hypothesis, or a scientific prediction, about what you think will happen to the hot water mixture by Day 24. Think about it.

Make a hypothesis, or a scientific prediction, about what you think will happen to the hot water mixture by Day 24.
This is the end of the Speaking Test. Thank you for talking with me today.