

G1 Culminating Project Choices: Information for the Teacher

When scientists are ready to share what they have learned with others, they do so in many ways. For example, scientists sometimes visit schools and universities to give talks or create tools to help other people learn. Sometimes, they share their knowledge with people who are interested in their work by publishing reports or presenting at science conferences.

Before scientists share their work, they have to think about their audience. They ask themselves, What do I want others to know about my work? Do I want to tell others about my work, or do I want to teach others about my topic? Scientists create different products for different audiences and purposes. As a scientist with new knowledge, how will you share what you have learned?

Note: The teacher may choose to assign teams either a science poster or a science talk. Alternatively, the teams may be given the opportunity to choose. Either way, the presentation format(s) should be clearly explained to the children. Appropriate modifications can be made to best suit your learners.

<p>Poster</p> <p>Scientists often share their knowledge with other scientists during a poster session. Each scientist (or team of scientists) creates a poster using images, captions, labels, and other text. During the poster session, other scientists can view the posters and ask the scientists questions about their work.</p> <p>The purpose of the poster is to inform other scientists about what you did during your investigations and what you learned. You will share your product with the other scientists in your class. Your classmates, teacher, and any invited guests will listen to what you have to say. You might invite them to ask your questions.</p>	<p>Create the Poster</p> <p>Using pictures and text, create a poster that demonstrates your understanding of _____.</p> <p>You should include evidence from your text-based inquiry and your scientific investigations.</p> <p>Scientific posters usually have:</p> <ul style="list-style-type: none">● a title● multiple images or drawings● labels and captions for images● text that describes what the scientists did● text that describes what the scientists learned
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Science Talk

Scientists often share their knowledge with other people who are interested in their work, including scientists and non-scientists.

Sometimes scientists give talks that describe how they investigated a topic, what they have learned about a topic, and what they would like the audience to know about their topic.

The purpose of the talk is to inform listeners about what you did during your investigations and what you learned. You will give your talk in class. Your classmates, teacher, and any invited guests will listen to what you have to say. You might invite them to ask your questions.

Preparing the Science Talk

Write a script for what each of your team members will say during your science talk. (Note: All team members should be encouraged to participate in the talk. However, some children may prefer a non-talking role, such as writing the script or preparing visuals for the talk.)

Your script and your talk should demonstrate your understanding of _____.

You should include evidence from your text-based inquiry and your scientific investigations.

Science talks usually have:

- an introduction where the scientists introduce themselves
- a description of what the scientists did during the investigation
- a description of what the scientists learned
- a closing that includes what the scientists want the audience to know about the topic
- time for the audience to ask questions