

## Interpreting a Graphic

The purpose of this task is to provide a structure for gathering and sharing visual information about a scientific structure, process, or concept. Participants are asked to individually interpret a graphic that is provided to them (text or a handout). On the left side of the matrix, students indicate what they learned from the graphic's caption as well as from the illustration. They also write down any questions they may have. Students then share what they learned in a Round Robin format. As students share, the others in the group either check off the same observations that were made or they add novel elements that they learned from the other students in the boxes on the right. After sharing, each group discusses the questions and try to answer them. After a short amount of time, the teacher asks students to share their interpretations and questions with the whole class. This discussion is the starting point for a more formal explanation of the concept by the teacher.

The diagram below illustrates the format for the "Interpreting a Graphic" form:

### Interpreting a Graphic

Title of Graphic:	
Caption	
What did you learn from the caption? What questions do you have about this caption?	What else did you learn about this caption from your group?
Illustration	
What did you learn from this illustration? What questions do you have about this illustration?	What else did you learn about this illustration from your group?
Questions we all still have about this caption and illustration:	

*Scaffolding:* schema building



UNIT:

ACTIVITY:

INTERPRETING A GRAPHIC

Title of Graphic:	
Caption	
<p><i>What did you learn from the caption?</i></p> <p><i>What questions do you have about this caption?</i></p>	<p><i>What else did you learn about this caption from your group?</i></p>
Illustration	
<p><i>What did you learn from this illustration?</i></p> <p><i>What questions do you have about this illustration?</i></p>	<p><i>What else did you learn about this illustration from your group?</i></p>
Questions we all still have about this caption and illustration	

