

Look Ahead, Look Back, Reach Out

Look Ahead **Science Topic:** _____ **Name** _____ **Hour** _____

Using the pre-quiz questions provided by your teacher, fill out the following form as you and a parent or other adult discuss and predict for each question. Along with your predictions, include a short summary of the discussion that occurred. Leave the final column blank—you can fill it in later as each question is addressed in class.

Question #	Student Prediction	Adult Prediction	Discussion Summary	Correct Answer
1				
2				
3				
4				

When you finish, have your parent or the adult you worked with sign below to verify their participation.

Parent/Adult Signature: _____ Date: _____

Look Back **Science Topic:** _____ **Name** _____ **Hour** _____

1. For which questions were your predictions incorrect? Summarize how your thinking has changed throughout the unit. (If you predicted correctly for each question, write a brief summary of how your understanding was strengthened or broadened throughout the unit.)
2. Was it easy or difficult for you to change any incorrect assumptions? Why?
3. Was there a time during our study when you needed to correct a misconception held by a classmate? If so, do you feel that you did so in a gracious way? Explain. If not, how could you improve in the future?
4. Select one question that your parent or adult conversation partner incorrectly predicted the answer to. Write a short paragraph that includes the correct answer to the question as well as a scientific explanation. (If your parent's or conversation partner's predictions were all correct, you may do this for any question of your choosing.)

Reach Out **Science Topic:** _____ **Name** _____ **Hour** _____

Sit down with the same parent or adult conversation partner that you worked with originally. Share your summary from Question #4 on the Look Back sheet. (If you really understand the explanation well, you should be able to do this without having to read directly from your paper!)

Once you have done this, ask the adult you worked with to fill out the following:

1. My student articulated a scientific explanation in a way that made sense to me.

Yes Somewhat No

2. My student was gracious in his/her explanation and didn't make me feel silly if my thinking was incorrect.

Yes Somewhat No

3. My student shared without reading directly from his/her paper.

Yes Somewhat No

4. My student showed interest in my questions and thoughts related to the topic.

Yes Somewhat No

Parent/Adult Signature: _____ Date: _____