

## Study Guide—Do Step 8 as you complete the Grade 5 Curriculum

**Congratulation!** This is the last step in the Talk Science Pathway. In this step you bring your learning together and reflect on the nature of discussions now in your classroom. Your study takes place in the classroom and in quiet independent reflection.

### IN YOUR CLASSROOM



#### 15 Minute Discussion

Again plan to lead the 15-minute concept cartoon discussion with your class. (Detailed directions are provided in Step 8, “15 Minute Discussion”). Explain to students that they will be returning to a discussion they had earlier in the year to see how their ideas have changed. Again, **audio record** the discussion. Then compare the two discussions by selecting and transcribing short segments of each (2-5 minutes.) What do you notice about the culture of talk in your classroom? Has it changed?

### INDEPENDENT STUDY



#### Reflect and Document

This last part of your study guides you through a comparative analysis of your first and last discussions. Give yourself at least an hour for the analysis process, and 30 minutes to respond to the following reflective questions using evidence from your analysis:

- In what ways has the culture of science discussion changed in my classroom?
- In what ways have students’ scientific ideas changed?
- Am I using different strategies now to support discussion?
- What do I want to continue working on?

Detailed guidelines are included in “Reflect and Document”, Step 8