

Study Guide—In most cases there are three parts to each Pathway step: The **Independent Web Study** (study you do on your own), the **Study Group Meeting** (a 1 hour meeting with colleagues to share ideas and learning), and **In Your Classroom** (a practicum in which you try new strategies in your day-to-day teaching.) Below are guidelines for Pathway Step 2.

INDEPENDENT WEB STUDY



Study the Talking Point: How is a culture of talk established?

Become familiar with how one school established norms and expectations for productive classroom discussions. In this school, the teachers agreed to establish the same expectations across all classrooms. This was particularly effective as the norms and expectations were carried forward from grade to grade. Begin thinking about how you and your colleagues might establish discussion norms and expectations when you meet for your study group meeting.



Study the Talk Strategy: Talk Moves Overview

Become familiar with the qualities and goals of productive discussions described in the overview. In upcoming Pathway steps we will explore each strategy in more depth. Connect insights from the overview to the 15-minute discussion you did with your class. (You may find the Goals and Talk Moves Checklist to the right of the pathway helpful.) Identify one aspect of science discussions you'd particularly like to sharpen.

STUDY GROUP MEETING



Establish a Set of Norms and Expectations

Together with colleagues, reflect on your web study. Would establishing norms for talk and participation constrain or open your all-class discussions? What stood out about how teachers in the Talking Point established norms for their classrooms? What are the advantages/disadvantages of using the same set of norms and expectations across classrooms?

Together develop a common set of norms for your classrooms. Keep the list short, 3-5 norms. Samples of norms developed by others are provided. (Sample Norms and Expectations are in the Talking Point Case Resources). Discuss how you might best introduce the norms to your students and encourage their "buy-in." Discuss how you will continue to reinforce the norms over the next months until they become an established, automatic part of the classroom culture.



Share: What happened in your 15-minute Discussion?

Reflect on your discussion in relation to the 4 goals presented in the Talk Strategy Overview. Share with colleagues one aspect of your all-class science discussions you'd particularly like to sharpen.

IN YOUR CLASSROOM



- Plan when and how you will introduce discussion norms.
- In an all-class discussion introduce the norms. Look for signs that your students are onboard.
- Post the list for all to see.
- Reinforce the norms at the beginning of each all-class discussion (in all subject areas.)