

Professional Development Situation: Meeting

Skill Focus: Modeling Science Practices

Time Required: 15 minutes

PROMPTING QUESTIONS

Participants will identify prompting questions to learn how to support youth in explaining scientific thinking.

Agenda

See the Skill in Action—10 minutes

- [Testing Predictions about Produce](#) video-based learning module

Writing our Own Prompting Questions—5 minutes

Materials

- Computer with internet connection
- Projector and speakers
- [Testing Predictions about Produce](#) video-based learning module
- Notecards or sticky notes (3 per participant)
- Pens for participants

Before the Session

- **Read this meeting guide** to become familiar with the content and allow time to personalize the activities to best suit your presentation style. Watch all videos and read informational materials.
 - *Italics indicate text that can be read aloud or emailed to participants.*
- Send reminder email about the meeting. Determine if any participants require accommodations (sight; hearing; etc.).
 - *The next professional development opportunity to enhance our STEM skills will be on DATE at TIME at LOCATION. Our focus for this session will be “Modeling Science Practices.” Let me know if you require any accommodations to participate in the training. I am happy to answer any questions you have and look forward to seeing you at the workshop. I can be reached at CONTACT INFO.*

- Gather all materials needed for the session.
- Develop a list of possible questions participants might have during the meeting. Create potential responses to be explored through informal conversation. Review any key terms or ideas that may be unclear.
- On the day of the meeting, test the audio and video equipment.

Session Outline

See the Skill in Action (10 min)

- Cue up the [Testing Predictions about Produce](#) video-based learning module.
- Introduce the activity by playing the overview video in step 1.
- Watch the video in step 3.
- Discuss the questions in step 2. In particular, focus on what Mr. Allen says to support youth to think like scientists:
 - *What questions does Mr. Allen use to prompt youth to think scientifically?*
 - *“We’re going to be scientists”*
 - *Reading aloud from the page – “Can the difference between store-bought and farm-fresh be determined...”*
 - *What do you think it is?*
 - *Who thinks store-bought?*
 - *Summarized the conclusions that “most of us can’t tell...”*
 - *Scientists want to do this because?*
 - *“You’ve been great scientists!”*

Write Our Own Prompting Questions (5 min)

- Participants will now think up ways they can use prompting questions.
- Distribute three notecards or sticky notes to each participant.
 - *Now, think about the activities/lessons that you are doing in the upcoming weeks.*
 - *Write down three prompting questions you can use with your students to help emphasize the scientific processes of asking questions, using observation, and making predictions.*
 - *Take these with you and put them in places where they will remind you to use them; perhaps this is stuck to your computer monitor or table, or in your activity guides.*
- Thank participants and encourage them to contact you if they would like a classroom visitor.

After the Session

- Email the participants:
 - *Thank you for your participation in the recent Click2Science session on “Modeling Science Practices”. I hope you found it useful and applicable to your practice. Making changes is never easy! Please let me know if you have any questions. You can reach me at CONTACT INFO.*

Want to Earn Credit? Click2Science has teamed up with Better Kid Care to provide continuing education units. Check it out at <http://www.click2sciencepd.org/web-lessons/about>