

Professional Development Situation: Meeting

Skill Focus: Asking Purposeful Questions

Time Required: 20 minutes

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Participants will observe questioning in the “Let there be Light” video-based learning module and the water filter activity to learn to ask purposeful questions.

Agenda

Introduction – 5 minutes

See the Skill in Action—10 minutes

- [Let there be Light!](#) video-based learning module

Reflection – 5 minutes

Materials

- Computer with internet connection
- Projector and speakers
- [Let there be Light!](#) video-based learning module

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 “Asking Purposeful Questions.” 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

Introduction (5 min)

- Ask participants about their questioning tactics:
 - *What are some of the ways you ask questions in your program?*
- Guide the discussion and highlight any questions that are open-ended, thought-provoking, or scientific.
- Participants will see an expert in action as they help out youth who are struggling with a circuitry task.

See the Skill in Action (10 min)

- **Play** the [Let there be Light!](#) video-based learning module video one time through. Ask participants to write down the things the facilitator says.
 - *What does the facilitator say to encourage youth thinking? How does he say it (what is his tone of voice)?*
- **Play the video again** and this time put a STAR next to questions that support youth to explain their thinking.

Conclusion (5 min)

- **Reflect** on what kinds of questions the facilitators are asking. (Spend 3-5 minutes here and let participants think and work.)
 - *What kinds of questions do the facilitators use?*
 - *How do youth respond?*
 - *Can you use any of these in your practice?*

After the Session

- Follow up with participants to offer to observe them using questions in their setting.
- Email the participants:
 - *Thank you for your participation in the recent Click2Science session on “Asking Purposeful Questions”. I hope you found it useful and applicable to your practice.*

Consider sharing your thoughts with a co-worker, supervisor, or friend. 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>