

**Professional Development Situation: Meeting**

**Skill Focus: Making Connections to STEM Careers**

**Time Required: 30 minutes**

## NAME THAT STEM CAREER

Participants will connect STEM artifacts with careers to learn how to connect activities to STEM careers.

### Agenda

See the Skill in Action—10 minutes

- [Bringing in the Experts](#) video-based learning module

Hands-on learning —15 minutes

- Name that STEM Career activity

Conclusion—5 minutes

### Materials

- Computer with internet connection
- Projector and speakers
- Assortment of common objects: USB cord, screwdriver, scissors, keys, etc.
- [Bringing in the Experts](#) video-based learning module
- Cut out [STEM Pictures Page](#)

## 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 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 “Making*

*Connections to STEM Careers*”. 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)

- Greet participants as they arrive. Make sure everyone feels welcome and comfortable.
- Introduce yourself and the focus of the session: “Making Connections to STEM Careers”.
- Allow participants to watch the [Bringing in the Experts](#) video-based learning module.
- Debrief. Ask:
  - *What did you observe in the video?*
  - *What did Andrea do to connect the activity to STEM careers?*

### Hands-On Learning: Name that STEM Career (15 min)

- Distribute the images on the [STEM Pictures Page](#). You can also include everyday objects if they are available.
- Ask participants to each choose a STEM object or a STEM picture that most speaks to them. When they have chosen their object or picture, ask:
  - *How is this object connected to science? Technology? Engineering? Math? Art?*
  - *What skills would be used with this object?*
- Participants will now walk around the room and do a share-trade:
  1. Show the item/picture to their partner.
  2. Explain how the item connects to STEM
  3. Listen as the partner explains.
  4. Trade objects.
  5. Find a new partner and explain their new object to their partner.
  6. Complete this protocol 3-4 times.

### Conclusion (5 min)

- Ask participants which picture they found most difficult to explain, and spend some time gathering thoughts about the STEM in that picture.

- Tell participants:
  - *Often we don't think about STEM as an everyday experience, but it often is! These everyday experiences can be tied to careers to let youth know they are capable of pursuing futures in STEM, as a professional, consumer, and educated citizen.*

## After the Session

- Email the participants:
  - *Thank you for your participation in the recent Click2Science training on "Making Connections to STEM Careers". I hope you found it useful and applicable to your practice. I am attaching the [STEM Pictures](#) handout for you to use with your students or other staff. 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>

## STEM Pictures Page

These images can be cut apart to use to support the “Name that STEM Career” activity. All images are from Wikimedia Commons.

