

Professional Development Situation: Coaching

Skill Focus: Developing a STEM Identity

Time Required: 15 minutes

DIRECTING THEIR LEARNING

Participants will watch the [Opportunities for Youth to Direct and Manage their Own](#) video-based learning module to learn why STEM identities matter.

Agenda

See the Skill in Action—10 minutes

- [Opportunities for Youth to Direct and Manage their Own Learning](#) video-based learning module

Setting Goals—5 minutes

- [SMART Goals Action Plan](#)

Materials

- Computer with internet connection
- [Opportunities for Youth to Direct and Manage their Own Learning](#) video-based learning module
- [SMART Goals Action Plan](#)
 - If conducting this session virtually, be sure the participant has access to these as well.

Before the Session

- **Read this coaching guide** to become familiar with the content and allow time to personalize the activities to best suit your presentation style.
 - *Italics indicate text that can be read aloud or emailed to the participant.*
- Send an email to the participant being coached:
 - *Our coaching session is scheduled for DATE at TIME. We will focus on “Developing a STEM Identity”. Please feel free to contact me with your questions or concerns at CONTACT INFORMATION.*
- Gather all materials needed for the coaching session.

During the Session

See the Skill in Action (10 min)

- Work through the steps of the [Opportunities for Youth to Direct and Manage their Own Learning](#) video-based learning module.
 - Point out that teenagers serve as volunteer facilitators in these videos.
 - *What does this kind of activity afford the teens?*
 - *How might teen facilitation be good for younger learners?*
 - Watch the videos in steps 1 and 3.
 - Talk through the questions in step 2.
- Reflect on how this learning module offers ways to connect activities with the interests of youth.
 - *How do the peer facilitators connect with the youth?*
 - *What does the facilitator say to help youth stay interested?*
 - *Who do you think is developing more of a STEM identity, the teens or the younger learners?*

Setting Goals (5 min)

- Make a SMART goal with the participant related to developing STEM identities. Use the [SMART Goals Action Plan](#).
- Remember that SMART Goals should be:
 - **Specific** – It is clear what you are trying to accomplish (what do we care about?)
 - **Measurable** – You will know when you've accomplished your goal
 - **Achievable** – You can do this because the goal is not too big or too small
 - **Relevant** – The goal relates to this skill and what you do in your program
 - **Timely** – The goal can be accomplished this month

After the Session

- Follow up with your participant to see how they are progressing on their action plan. Try to be supportive and helpful, not evaluative.

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>

SMART Goals Action Plan

NAME: _____

DATE: _____

Concept/Problem Statement:

Goal Statement:

Specific: What specific action will you take?

Measurable: How will you measure the results?

Attainable: What will be different?

Relevant: The goal relates to this skill and what you do in your program

Timeframe: The goal can be accomplished this month
