

## Professional Development Situation: Coaching

**Skill Focus: Developing a STEM Identity**

**Time Required: 15 minutes**

# SCIENCE IS FOR EVERYONE

Participants will watch the “Real World Application of Skills” video-based learning module to learn why STEM identities matter.

## Agenda

See the Skill in Action—10 minutes

- [Real World Application of Skills](#) video-based learning module

Setting Goals—5 minutes

- [SMART Goals Action Plan](#)

## Materials

- Computer with internet connection
- [Real World Application of Skills](#) video-based learning module
- [SMART Goals Action Plan](#)

## **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 this coaching session.

## During the Session

### See the Skill in Action (10 min)

- Work through the steps of the [Real-World Application of Skills](#) video-based learning module.
  - Before step 1, tell the participant about the video.
    - *In this program, a volunteer engineer comes to the program to encourage youth to do the STEM work themselves. What does he say?*
  - Play the video in step 2.
- Reflect on how this activity offers ways to connect activities with the interests of youth.
  - *What are the ways that youth engage with STEM problems here?*
  - *Why are these kinds of activities important for a STEM identity?*

### 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:

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Goal Statement:

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Specific: What specific action will you take?

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Measurable: How will you measure the results?

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Attainable: What will be different?

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

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Timeframe: The goal can be accomplished this month

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