



## Training Title: STEM Misconceptions: What DO Kids Know?

**Training Blurb:** This workshop is not about paper/pencil surveys! Involving kids in thinking and sharing what they already know increases their engagement in your afterschool STEM activity. This workshop will enable you to modify your instruction to improve their learning experience through active assessment techniques that uncover misconceptions, gaps in understanding, and make your STEM experience relevant.

### Goals:

1. Develop strategies to informally evaluate kids' knowledge and skills before, during and after your STEM investigations.
2. Use information collected about what kids know and understand to modify/improve your instruction.

### Training Audience:

- xDirect Service Staff (New)
- xDirect Service Staff (Experienced)
- Site Directors/Asst. Site Directors
- Program Directors

### Trainer Category:

- xIndependent Trainer
- Professional Trainer
- Partnership Trainer

### Content Level:

- xBasic
- Advanced

**Participant Capacity:** 20

### Instructional Methods: (check all that apply)

- Pre-Reading
- Pre-Assessment
- Lecture
- Guest Speaker/Team Teaching
- Creating a Product/Sample
- xVideo/Audio
- xRole Playing/Modeling
- xTeam/Partner Exercises

### Core Competency:

- Child and Youth Development
- xCurriculum Enrichment
- Families and Communities
- Healthy and Safe Environments
- Program Organization and Development

### Training Duration:

- x2 hours or less
- 2.5 – 4

### Content Applicable for Child Grade Range:

- xElementary (K-5)
- xMiddle School (6-8)
- High School (9-12)

- xPowerPoint
- xLarge Group Discussion
- Investigations/Practice
- Active Movement
- xTake-Away Samples/Lesson Plans/Forms
- Goal-Setting/Action Steps for Future
- xBibliography/Websites/Handouts
- Other \_\_\_\_\_