

Statewide School & District 3-Dimensional Science Support w/ASTA's Professional Learning Specialist, Rebecca Garelli

ASTA Professional Learning Services:

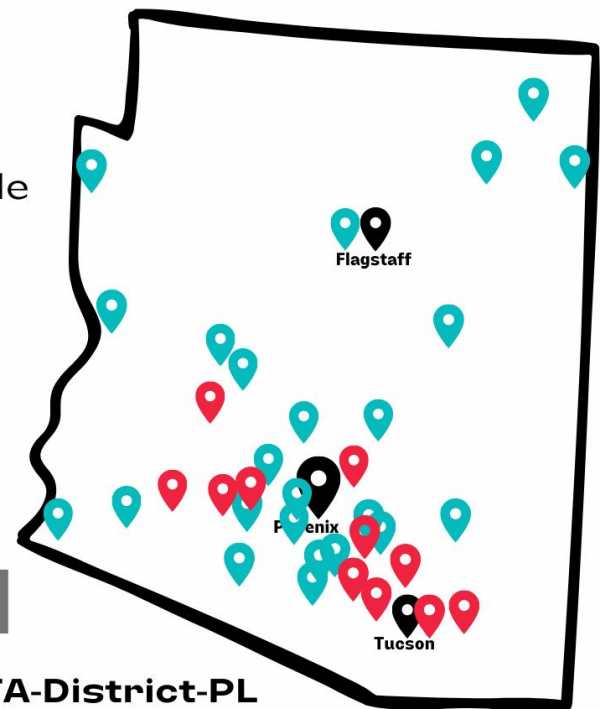
- Full-Day (6 hours)
- Half-Day (3 hours or less)
- Ongoing Professional Learning (PLCs /multiple sessions)
- Virtual or Face to Face
- Customized for each district's needs!



Indicates Ongoing Professional Learning



Indicates Professional Development Sessions



Visit our website or contact ASTA to learn more:



professional_learning@azsta.org



bit.ly/ASTA-District-PL

Customizable Professional Development Modules

1 Hour

3 Hours

6 Hours

Level 1- Understanding the Basics of the 2018 Arizona Science Standards

- 1.0 Introduction to the Arizona Science Standards, the 3-Dimensions & Shifts in Instruction
- 1.1 Unpacking the 3-Dimensions of the Arizona Science Standards
- 1.2 What Administrators & Educators Need to Know about 3-Dimensional Science Classrooms
- 1.3 Phenomena-Based Instruction-What Phenomena is and is NOT

| | | |
|---|---|---|
| ✓ | ✓ | ✓ |
| ✓ | ✓ | ✓ |
| ✓ | ✓ | |
| ✓ | ✓ | ✓ |

Level 2- Research-Based Instructional Strategies that Align to the AzSS

- 2.0 Modules on Instructional Strategies for Teaching the 8 Science and Engineering Practices
- 2.1 HOW to Teach 3-Dimensionally: 3-D in Action! Putting the 3-Ds of Science Instruction Together!
- 2.2 Effective Discourse Strategies for Inclusive Science & STEM Classrooms
- 2.3 Experiencing the Question Formulation Technique for Helping Students Ask Questions
- 2.4 Making Thinking Visible: Science Notebooking Strategies & Structures
- 2.5 Making Sense of Data Through the Crosscutting Concepts

| | | |
|---|---|---|
| ✓ | ✓ | |
| | ✓ | ✓ |
| ✓ | ✓ | ✓ |
| ✓ | ✓ | |
| ✓ | ✓ | |
| ✓ | ✓ | |

Level 3- Understanding 3-Dimensional Assessments & the AzSCI State Assessment

- 3.0 What Elementary Science Educators Need to Know About Performance Tasks + the AzSCI
- 3.1 What Secondary Science Educators Need to Know About Performance Tasks + the AzSCI

| | | |
|---|---|---|
| ✓ | ✓ | ✓ |
| ✓ | ✓ | ✓ |