

Day: Friday **Time:** 9:00 - 9:50 **Title:** *Promoting Equity in Science & Mathematics Classrooms* **Room:** 104

Presenter(s): Reagan Biwott & Carla Bidwell **Vendor/Org:** Metro RESA **Session Length** 50 minutes

This session will focus on how teachers, district staff, and professional learning providers can make equity and **Description:**

social justice a daily focus in Math and Science education by reflecting on their own biases, choosing inclusive content, and implementing ins

Level(s): Upper Elementary (3-5) Middle (6-8) High (9-12)

Type: Workshop

Supervisor/Leader Pre-service/Early Career General

Strand: Broadening Our Understanding of Science for ALL

Sci. & Eng.

Practices: Mathematics & Computational Thinking **Crosscutting**

Concepts:

Day: Friday **Time:** 9:00 - 10:50 **Title:** *The Outbreak- Purposeful Planning and Integration of PBLs in*

Room: 202

Elementary Classrooms

Presenter(s): Kassidy Moore, Danielle Armstrong, Monica Vestal-Mashburn,

Vendor/Org: Educator

Devetra Ushery

Session Length 110 minutes

The goal of this session is to provide participants with a practical approach to mapping out integrated lessons **Description:**

using exciting and relevant phenomena, that are aligned to the Georgia Standards of Excellence.

Level(s): Lower Elementary (K-2); Upper Elementary (3-5) General **Type:** Workshop **Strand:** Broadening Our Understanding of STEM Integration

Sci. & Eng.

Constructing Explanations and Designing

Crosscutting

Concepts: Cause and Effect: Mechanisms and Explanations

Practices:

Solutions

Day: Friday **Time:** 9:00 - 10:50 **Title:** *Promoting Literacy through Argumentation* **Room:** 204 **Presenter(s):**

Brent Gilles and Tim Hawig **Vendor/Org:** Educator **Session Length** 110 minutes

This hands-on workshop will guide you through the process of using argumentation to promote literacy in your **Description:**

science classroom.

Level(s): Middle (6-8) High (9-12) General **Type:** Workshop **Strand:** Broadening Our Understanding of the connections between Science and LITERACY

Sci. & Eng.

Practices: Engaging in Argument from Evidence **Crosscutting**

Concepts:

Day: Friday **Time:** 9:00 - 10:50 **Title:** *Deciphering the Ultimate Family Tree: A Classification Storyline*

Room: 205

for HS Biology

Presenter(s): Jeremy Peacock **Vendor/Org:** Educator **Session Length** 110 minutes

Experience a 3D storyline that addresses high school classification standards as students work to build

"The **Description:**

Ultimate Family Tree."

Level(s): High (9-12) Biology/Life Science **Type:** Workshop **Strand:** Broadening Our Understanding of 3-D

ASSESSMENT

Sci. & Eng.

Practices: Developing and Using Models **Crosscutting**

Concepts: Patterns