

Embedding and Embracing Multiple Perspectives in the STEM Classroom

Multiple Perspectives: The perspectives, life experiences, and cultures of others, as well as our own. Students will know, understand, value, and draw from multiple perspectives in order to co-create with diverse stakeholders shared and evolving visions and actions in the service of a healthy and sustainable future locally and globally.

KNOWLEDGE AND ACTION

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PERFORMANCE INDICATORS

Appreciating Diversity

Students will:

1. Recognize and work to dismantle prejudice and discrimination.
2. Demonstrate the ability to communicate and collaborate cross-culturally.
3. Recognize and value the strength in diversity.
4. Articulate and demonstrate appreciation for cross-cultural similarities and differences.
5. Recognize self worth and rootedness in one's own culture and community.
6. Demonstrate their ability to truly value and learn from the life experiences and cultures of others.
7. Demonstrate the ability to work with people who present different perspectives and to synergistically communicate and cooperate to create shared visions, understandings, and policies far richer than anything that could have been achieved alone.

Developing Perspective Consciousness

Students will:

1. Articulate all sides of an issue by demonstrating a strong foundation of understanding bias and other points of view.
2. Develop the capacity to empathize with, and experience, the outlook and emotions of another being, by putting themselves "in someone else's shoes" and expressing what it is like to see the world from that perspective.
3. Identify their own mental models about the world and recognize that mental models are guiding constructs that change over time with new knowledge and applied insight.
4. Develop the ability to truly understand and respect, if not agree with, the conclusions of others. Be able to see the relationship of those conclusions to the person's experiences, needs, values, and goals.
5. Seek to determine the interests that underlie people's positions and behaviors.

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