



STAC

SCIENCE & TECHNOLOGY
ADVANCEMENT CENTER

Building a Classroom Culture for AI- Supported Science Sensemaking

NSTA AI in Education Pathway

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About Us

The ***Science & Technology Advancement Center (STAC)***, is a nonprofit organization that works with states, districts, and companies to design, develop and implement high quality science programs. We focus on integrating new and emerging technologies in classroom settings to support 3-dimensional learning.

Chris Lazzaro
Executive Director



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Building Shared Classroom Agreements About AI Use

- We have prepared a resource for helping us decide how AI should be used in our classroom.
- AI is becoming part of how people learn, work, and communicate.
- Instead of receiving a fixed list of rules, we will create shared classroom agreements together.
- Our purpose is to decide how AI can be used in ways that protect learning, effort, honesty, and thinking.

Purpose

- The goal is not only to decide what is allowed.
- The goal is to decide how AI can be used responsibly in support of learning.
- We want classroom expectations that are fair, clear, and connected to real learning.
- AI can be useful, but it should support thinking rather than replace it.

When doing this in your classroom

Students need to know:

- How AI can support student learning?
- Why productive struggle is important for student learning?

Consider how can this activity can support honest dialog about learning in your classroom.

Questions to Guide Our Discussion

- When does AI help learning?
- When does AI get in the way of learning?
- What kinds of thinking should stay with the student?
- What makes AI use responsible?
- What does honesty look like when AI is involved?
- How should we respond when AI gives weak, incomplete, or wrong information?



When drafting agreements consider

- Is it clear
- Is it fair
- Is it focused on learning
- Is it realistic for classroom use
- Is it easy to understand



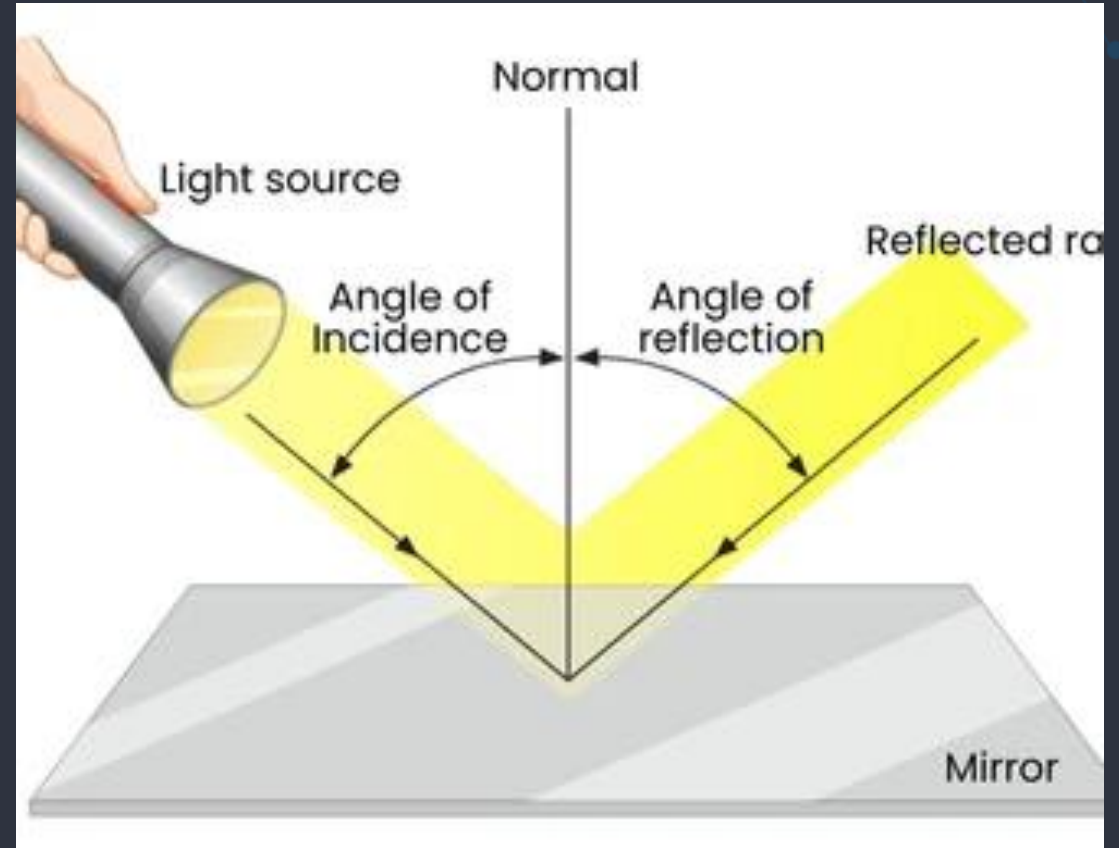
Classroom AI Agreements



<https://stac-vernier.org/nsta-pathway-sessions-resources/>

Reflection

1. Which agreement matters most to you, and why?
2. Which agreement will be hardest for students to follow?
3. How will these agreements help protect real learning?
4. When should we revisit or revise these agreements?





Thank you!

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**Tool Agnostic. Ready
to Use.**



NSTA Survey

