Questions, Argumentation, and Use of Evidence

Next Gen Science Standards focus on STEM Practices – behaviors, skills, and activities – that involve a range of social, learning, language, and physical skills that can challenge students with disabilities.

CRITICAL STEM SKILLS

1. Formulate questions and use evidence to support arguments
2. Form opinions based on evidence
3. Comment on relationship between evidence and conclusions

THINK ABOUT

How might use of evidence to support claims and engaging in peer review present challenges for your students with disabilities? How might you use assistive and instructional technology to improve access?

MAKE STEM MORE ACCESSIBLE

Use scaffolds and tools that guide students through constructing an argument, testing a hypothesis, and using evidence

Explore collaboration tools to encourage students to engage in peer review, and respond to critique

Integrate graphic organizers and concept mapping software into instruction to move students from brainstorm to outline