

Science Competency

Outcomes

Developed by the Science Faculty Panel
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- Explain how scientific explanations are formulated, tested, and modified or validated
- Distinguish between scientific and non-scientific evidence and explanations
- Apply foundational knowledge and discipline-specific concepts to address issues or solve problems
- Apply basic observational, quantitative, or technological methods to gather data and generate evidence-based conclusions
- Use current models and theories to describe, explain, or predict natural phenomena
- Locate reliable sources of scientific evidence to construct arguments related to real-world issues