

STEM Process Standards

Grades K - 12

Process Standard	Check the standards we addressed
Use senses to gather information (observation)	
Form testable questions	
Develop a hypothesis or possible explanations	
Test different hypothesis with experiments, observations and other methods	
Analyze findings	
Revise hypotheses and/or come up with new ideas about possible explanations	
Present and explain findings	
Order and group observations and/or data (classification)	
Use numbers and measurement to represent data and to explain	
Apply technology tools to gather, evaluate and use information	
Troubleshoot as a way of finding out why something does not work so that it can be fixed	

For more detailed and specific content standards, check out the following resources:

- Academic Content, Afterschool Style: A Style Guide
- National Educational Technology Standards (<http://www.iste.org/AM/Template.cfm?Section=NETS>)
- Your state Department of Education website