

Science Content Standards and Objectives Earth Science

Standard 1: Nature and Application of Science (SC.S.E.1)

Students will

- demonstrate an understanding of history and nature of science as a human endeavor encompassing the contributions of diverse cultures and scientists.
- demonstrate the ability to use the inquiry process to solve problems.
- relate science-technology-societal issues while using a variety of sources to construct and defend their solutions

	Essential	Important	Compact
SC.O.E.1.1 implement safe procedures and practices when manipulating equipment, materials, organisms, and models.	X		
SC.O.E.1.2 formulate scientific explanations based on historical observations and experimental evidence, accounting for variability in experimental results			X
SC.O.E.1.3 conduct and/or design investigations that incorporate the skills and attitudes and/or values of scientific inquiry: established research protocol, accurate record keeping, replication of results and peer review, objectivity, openness, skepticism, fairness, or creativity		X	