7th Grade Science
Prioritizing Worksheet

Standard: 1   Nature of Science (SC.S.7.1)

- Demonstrate an understanding of the history of science and the evolvement of scientific knowledge.
- Demonstrate an understanding of science as a human endeavor encompassing the contributions of diverse cultures and scientists.
- Demonstrate an understanding of the characteristics of a scientist.
  demonstrate skills of scientific inquiry.

	Essential	Important	Compact
SC.O.7.1.01 Realize that scientists formulate and test their explanations of nature using observation and experiments.			X
SC.O.7.1.02 Recognize scientific knowledge is subject to modifications as new scientific information challenges current explanations.			X
SC.O.7.1.03 Examine the careers and contributions of men and women of diverse cultures to the development of science.			X
SC.O.7.1.04 Compare and contrast the historical significance of scientific discoveries.			X
SC.O.7.1.05 Cooperate and collaborate to ask questions, design and conduct investigations to find answers and solve problems.		X	
SC.O.7.1.06 Formulate conclusions through close observations, logical reasoning, objectivity, perseverance and integrity in data collection.	X		
SC.O.7.1.07 Apply skepticism, careful methods, logical reasoning and creativity in investigating the observable universe.		X	
SC.O.7.1.08 Use a variety of technologies and scientific instruments to conduct explorations, investigations and experiments of the natural world.	X		
SC.O.7.1.09 Demonstrate safe techniques for handling, manipulating and caring for science materials, equipment, natural specimens and living organisms.		X	
SC.O.7.1.10 Utilize experimentation to demonstrate scientific processes and thinking skills (e.g., formulating questions, predicting, forming hypotheses, quantifying, or identifying dependent and independent variables).	X		
SC.O.7.1.11 Construct and use charts, graphs and tables to organize, display, interpret, analyze and explain data.	X		
SC.O.7.1.12 Use inferential reasoning to make logical conclusions from collected data.	X		