Standards Alignment for Science Fair Unit

National Education Technology Standards for Students				
Grade	Strand / Substrand	Standard	Benchmark	Assessment
6	1. Creativity and Innovation	Students demonstrate creative thinking, construct knowledge, and develop innovative products and processes using technology.	b. create original works as a means of personal or group expression.	Science fair final digital project.
6	3. Research and Information Fluency	Students apply digital tools to gather, evaluate, and use information.	b. locate, organize, analyze, evaluate, synthesize, and ethically use information from a variety of sources and media.	Research portion using Google squared and Moodle
6	2. Communication Collaboration	Students use digital media and environments to communicate and work collaboratively, including at a distance, to support individual learning and contribute to the learning of others.	a. interact, collaborate, and publish with peers, experts, or others employing a variety of digital environments and media	Moodle forums, assignments, and quizzes

Minnesota State Science Education Standards				
Grade	Strand / Substrand	Standard	Benchmark	Assessment
6	1. The Nature of Science and Engineering 1. The Practice of Science	2. Understand that scientific inquiry is a set of interrelated processes incorporating multiple approaches that are used to pose questions about the world and investigate phenomena.	-Maintain a record of observations, procedures, and explanations, being careful to distinguish between actual observations and ideas about what was observed.	-Before experimenting data collection methods and after experimenting analysis
6	1. The Nature of Science and Engineering 1. The Practice of Science	2. Understand that scientific inquiry is a set of interrelated processes incorporating multiple approaches that are used to pose questions about the world and investigate phenomena.	-Construct reasonable explanations based on evidence collected from observations or experiments.	-After experimenting conclusions
6	1. The Nature of Science and Engineering 1. The Practice of Science	2. Understand that scientific inquiry is a set of interrelated processes incorporating multiple approaches that are used to pose questions about the world and investigate phenomena.	-Use observations to develop an accurate description of a natural phenomenon and compare one's observations and descriptions with those of others.	-Collecting data during the experimentation phase and sharing with group members