



Standards
 Science
 Grades 4-8
 History Center

Class Title
How Did You Think of That? Minnesota Invents

Grade	2009 Science Standards				
	Strand	Sub-Strand	Standard	Code	
4	1. The Nature of Science and Engineering	2. The Practice of Engineering	1. Engineers design, create and develop structures, processes and systems that are intended to improve society and may make humans more productive.	4.1.2.1.1	X
			2. Engineering design is the process of Identifying problems, developing multiple solutions, selecting the best possible solution, and building the product.	4.1.2.2.1	X
		3. Interactions Among Science, Technology Engineering, Mathematics and Society	3. The needs of any society influence the technologies that are developed and how they are used.	4.1.3.3.1	X
5	1. The Nature of Science and Engineering	1. The Practice of Science	1. Science is a way of knowing about the natural world, is done by individuals and groups, and is characterized by empirical criteria, logical argument and skeptical review.	5.1.1.1.1	X

	1. Nature of Science and Engineering	3. Interactions Among Science, Technology Engineering, Mathematics, and Society	2. Men and women throughout the history of all cultures, including Minnesota American Indian tribes and communities, have been involved in engineering design and scientific inquiry.	5.1.3.2.1	X
6	1. The Nature of Science and Engineering	2. The Practice of Engineering	1. Engineers create, develop and manufacture machines, structures, processes and systems that impact society and may make humans more productive.	6.1.2.1.1 6.1.2.1.2 6.1.2.1.4	X X X
7	1. The Nature of Science and Engineering	1. The Practice of Science	1. Science is a way of knowing about the natural world and is characterized by empirical criteria, logical argument and skeptical review.	7.1.1.1.1	X
8	1. The Nature of Science and Engineering	3. Interactions Among Science, Technology, Engineering, Mathematics and Society	2. Men and women throughout the history of all cultures, including Minnesota American Indian tribes and communities, have been involved in engineering design and scientific inquiry.	8.1.3.2.1	X