K-4 Content Area	Standard	Guides to Standard	Reflect	Discover	Imagine	Create	Share	Alignment to IM Student Project Outcomes:
Science and Technology	Develop abilities of technological design	Identify a Simple Problem. In problem identification, children should develop the ability to explain a problem in their own words and identify a specific task and solution related to the problem.	x	x	X			Knowledge OM 2.4.8 Attitude OM 2.4.9 Skills OM 2.4.8
		Propose a Solution. Students should make proposals to build something or get something to work better; they should be able to describe and communicate their ideas. Students should recognize that designing a solution might have constraints, such as cost, materials, time, space, or safety.			X	x		
		Implementing proposed solutions. Children should develop abilities to work individually and collaboratively and to use suitable tools, techniques, and quantitative measurements when appropriate. Students should demonstrate the ability to balance simple constraints in problem solving.				x	X	
		Evaluate a design or a problem. Students should evaluate their own results or solutions to problems, as well as those of other children, by considering how well a product or design met the challenge to solve a problem. When possible, students should use measurements and include constraints and other criteria in their evaluations. They should modify designs based on the results of evaluations.			X	x	X	
		Communicate a problem, a design, a solution. Student abilities should include oral, written, and pictorial communication of the design process and product. The communication might be show and tell, group discussions, short written reports, or pictures, depending on the students' abilities and the design project.					X	
	Develop abilities to distinguish between natural objects and objects made by humans	Some objects occur in nature; others have been designed and made by people to solve human problems and enhance the quality of life. Objects can be categorized into two groups, natural and designed.		x	X	x		Knowledge OM 2.4.8