

CONTENT STANDARDS

The challenges in this guide address the following ITEA National Study of Technology Content Standards and the Massachusetts Curriculum Frameworks Science and Technology/Engineering Standards.

Challenge	Massachusetts Curriculum Frameworks Science and Technology/Engineering													Study of Technology Content Standards					
	Grades 3–5						Grades 6–8							Grades K–12					
	Materials and Tools		Engineering Design		Physical Science		Materials, Tools, and Machines	Engineering Design			Physical Science	The Nature of Technology		Design		Abilities for a Technological World			
	1.1	1.2	2.1	2.3	4	5	6	1.1	2.1	2.2	2.3	2.4	13	1	2	9	10	11	12
Rubber Band Car	•	•		•	•	•		•	•	•	•	•	•	•	•	•	•	•	•
Kinetic Sculpture	•	•		•	•	•		•	•	•	•	•		•	•	•	•	•	•
Hidden Alarm	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	•	•	•
Pop Fly	•	•		•	•	•		•	•	•	•	•	•	•	•	•	•	•	•
Four Corners	•	•	•	•				•	•	•	•	•	•	•	•	•	•	•	•

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