

Rockets for Schools Delaware Content Standards

<u>Rocketry Curriculum</u>	<u>Science Content Standard</u>	<u>Performance Indicators</u>	<u>Performance Measures</u>
Pop Can Hero	Nature and Application of Science and Technology Science as Inquiry	5.305	hypothesis testing chart
	Energy and Its Effects Forms/Sources of Energy	5.304, 5.305	execution of project
Rocket Racer	Nature and Application of Science and Technology Science as Inquiry	5.302, 5.305, 5.309	Test Report and Data sheet
	Science, Technology, and Society	*none specified	
	Materials and Their Properties Material Technology	5.306	
	Energy and Its Effects Forms/Sources of Energy	5.301, 5.302, 5.303, 5.304, 5.305, 5.306, 5.309	
3-2-1 Pop!	Nature and Application of Science and Technology Science as Inquiry	*none specified	complete and launch/ report improvements
	Energy and Its Effects Forms/Sources of Energy	5.301, 5.304	
Antacid Tablet Race	Nature and Application of Science and Technology Science as Inquiry	3.321, 3.325, 3.326	conduct experiment written summary
	Materials and Their Properties Changes in Materials	1.322, 3.319, 3.321	
Paper Rockets	Nature and Application of Science and Technology Science as Inquiry	5.305, 5.309	
	Energy and Its Effects Forms/Sources of Energy	5.301, 5.304, 5.305	
Newton Car	Materials and Their Properties Material Technology Energy and Its Effects	5.306	hypothesizing, experimenting,

	Forms/Sources of Energy	5.301, 5.302, 5.304, 5.305, 5.306, 2.325	and graphing results
Balloon Staging	Nature and Application of Science and Technology Science as Inquiry Science, Technology, and Society Energy and Its Effects Forms/Sources of Energy	*none specified *none specified 2.325, 5.304	successful design of 2-stage rocket
Rocket Transportation	Nature and Application of Science and Technology Science as Inquiry Science, Technology, and Society Energy and Its Effects Forms/Sources of Energy	*none specified *none specified 2.325, 5.304, 5.305	design and launch rocket log results
Altitude Tracking	Nature and Application of Science and Technology Science as Inquiry Science, Technology, and Society	*none specified *none specified	track rocket with altitude tracker and log results
Bottle Rocket Launcher	Nature and Application of Science and Technology Science, Technology, and Society	*none specified	construct launcher
Bottle Rocket	Energy and Its Effects Forms/Sources of Energy	2.325, 5.304, 5.305	successful launch
X-35	Energy and Its Effects Forms/Sources of Energy	2.325, 5.304, 5.305	pre-launch analysis launch log

*Scientists' curiosity about the natural world leads them to ask questions about how things work. In order to answer these questions, scientists observe and explore things carefully.

People have always invented new ways to solve problems and get work done. These inventions affect all aspects of life.