## **Rockets for Schools Delaware Content Standards**

<b>Rocketry Curriculum</b>	Science Content Standard F	Performance Indicators	Performance Measures	
Pop Can Hero	Nature and Application of Science and Techno Science as Inquiry	blogy 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 Techno Science as Inquiry	blogy 5.302, 5.305, 5.309	Test Report and Data	
	Science, Technology, and Society Materials and Their Properties	*none specified	sheet	
	Material Technology Energy and Its Effects	5.306		
	Forms/Sources of Energy	5.301, 5.302, 5.303, 5.30	5.301, 5.302, 5.303, 5.304, 5.305, 5.306, 5.309	
3-2-1 Pop!	Nature and Application of Science and Techno Science as Inquiry	ology *none specified	complete and launch/	
	Energy and Its Effects Forms/Sources of Energy	5.301, 5.304	report improvements	
Antacid Tablet Race	Nature and Application of Science and Techno Science as Inquiry	blogy 3.321, 3.325, 3.326	conduct experiment	
	Materials and Their Properties Changes in Materials	1.322, 3.319, 3,321	written summary	
Paper Rockets	Nature and Application of Science and Techno Science as Inquiry Energy and Its Effects	blogy 5.305, 5.309		
	Forms/Sources of Energy	5.301, 5.304, 5.305		
Newton Car	Materials and Their Properties Material Technology Energy and Its Effects	5.306	hupothesizing, 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.