

Seventh Grade

PA Academic Standards at the Lancaster Science Factory Exhibits

Chemistry (Organizing category (B) under standard category Physical Sciences: Chemistry and Physics (3.2.))
and **Earth and Space Sciences** (Standard Category 3.3)

[X] = this exhibit essentially fulfills the standard statement however the exhibit may require additional explanation from the teacher.

Topic	Exhibit	Strands		
		B. Chemistry 2. Structure of Matter	B. Chemistry 3. Matter & Energy	B. Origin and Evolution of the Universe 1. Composition and Structure
Energy and Magnetism	Crank Power		[X]	
	Electrical Circuit	[X]	[X]	
	Electrical Conductors & Insulators		[X]	
	Light It Up		[X]	
	Rockin' Radiation	[X]	[X]	
Fluid Dynamics	Tennis Ball Launcher		[X]	
Mechanics and Motion	Gravity Racer		[X]	
	Gravity Well			X
	Pendulum Booth: Compare Amplitude/Mass/Length			[X]