

Correlation of *Physics in Context* with National Science Education Standards (1996)

	Force	Work	Rate	Resistance	Power	Momentum	Wave Vibration	Radiation	Light Optics
Science standards:									
Principles of Technology									
<u>Content Standard A-9-12</u>									
*The Abilities of Scientific Inquiry	X	X	X	X	X	X	X	X	X
*Understanding About Scientific Inquiry	X	X	X	X	X	X	X	X	X
<u>Content Standard B-5-8: Physical Science</u>									
*Properties and Changes of Properties in Matter									
*Motions and Forces	X	X	X	X	X	X	X	X	
*Transformations of Energy	X	X	X	X	X	X	X	X	
<u>Content Standard B-9-12</u>									
*The Structure of the Atoms	X	X	X	X	X	X	X	X	
*Structure of Properties of Matter	X	X	X	X	X	X	X	X	
*Chemical Reactions									
*Forces and Motions	X	X	X	X	X	X	X	X	X
*Conservation of Energy and the Increase in Disorder					X	X			
*Interactions of Energy and Matter	X	X	X	X	X	X	X	X	X
<u>Content Standard D-9-12: Earth and Space</u>									
*Energy in the Earth System					X	X			X
<u>Content Standard E-9-12: Science and Technology</u>									
*Abilities of Technological Design	X	X	X	X	X	X	X	X	
*Understanding About Science and Technology	X	X	X	X	X	X	X	X	
<u>Content Standard F-9-12</u>									
*Personal and Community Health - This Standard is for Life Science Science in Personal and Science Perspectives									
<u>Content Standard G-9-12: History and Nature of Science</u>									
*Science as a Human Endeavor	X	X	X	X	X	X	X	X	
*Nature of Scientific Knowledge	X	X	X	X	X	X	X	X	
*Historical Perspectives									

*Physical Science: Includes Chemistry, Physics and Physical/General Science

*Life Science: Includes Biology and Life Science

Content: is what students should learn

Curriculum: is the way content is organized and emphasized