



Chemistry You Need to Know and Indiana Science Standards

Indiana Standards	Chpt 1-- Scientists Tools	Chpt 2-- Antacids	Chpt 3-- Airbags	Chpt 4-- Light	Chpt 5-- Soap	Chpt 6-- Sports Drinks	Chpt 7-- Hot packs	Chpt 8-- Industry	Chpt 9-- Forensics	Chpt 10-- Batteries	Chpt 11-- Polymers	Chpt 12-- Nuclear radiation
C.1.13						Section 6.5, 6.6						
C.1.14						Section 6.5, 6.6						
C.1.15						Section 6.5, 6.6						
C.1.16									Section 9.3			
C.1.17						Section 6.2						
C.1.18						Section 6.2						
C.1.19						Section 6.5						
C.1.20		Section 2.8										
C.1.21		Section 2.8										
C.1.22										Section 10.1, 10.2		
C.1.23												
C.1.24												Section 12.1
C.1.25								Chapter theme		Section 10.3		
C.1.26	Students asked to draw particle visualizations throughout											
C.1.27	Students asked to draw particle visualizations throughout											

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C.1.28					Section 5.1							
C.1.29								Section 8.1				
C.1.30			Section 3.7									
C.1.31			Section 3.5, 3.7									
C.1.32				Section 4.1, 4.2, 4.3								
C.1.33		Section 2.3			Section 5.2							
C.1.34				Section 4.5								
C.1.35					Section 5.6							
C.1.36					5.1, 5.5, 5.6							
C.1.37				Section 4.6, 4.7								
C.1.38							Section 7.1					
C.1.39							Section 7.2, 7.3, 7.4, 7.5					
C.1.40							Section 7.1, 7.4					
C.1.41				Chapter theme			Chapter theme					Chapter theme

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C.1.42												Section 12.1
C.1.43												Section 12.1
C.1.44											Section 11.1, 11.2	
C.1.45											Section 11.2, 11.3	

The Nature of Science and Technology

Scientific Thinking

The Mathematical World

Common Themes

These concepts are introduced in Section 1-1 and are integrated throughout the course in the chapter themes, student-designed labs and authentic projects