

1st 9-Weeks

4th Grade

Subject: Science

Standards		Resources	Dates Taught
	Life Science 1- Cells, Flow of Matter and Energy, Heredity		
0407.1.1	Compare basic structures of plant and animal cells	Chapter 1, Lesson 1	
0407.3.1	Determine how different organisms function within an environment in terms of their location on an energy pyramid	Chapter 1, Lesson 2 Chapter 3, Lesson 1	
0407.4.1	Draw conclusions about the relationship between reproduction and the survival of a species	Chapter 1, Lesson 1 and 3	
0407.4.2	Distinguish between complete and incomplete metamorphosis	Chapter 1, Lesson 4	
	Life Science 2- Interdependence, Biodiversity and Change		
0407.5.1	Determine how a physical or behavioral adaptation can enhance the chances of survival.	Chapter 2, Lesson 1	
0407.5.2	Infer the possible reasons why a species became endangered or extinct	Chapter 2, Lesson 2	
0407.2.1	Recognize the impact of predation and competition on an ecosystem	Chapter 3, Lesson 1 and 2	

2nd 9-Weeks

4th Grade

Subject: Science

Standards		Resources	Dates Taught
Earth Science- The Universe, The Earth, The Atmosphere			
0407.6.2	Infer that the moon's phases are caused by the revolution of the moon	Chapter 4, Lesson1	
0407.6.1	Organize the phases of the moon in the correct sequence	Chapter 4, Lesson 3 Brainpop- Phases of the Moon Have Fun Teaching Moon Song (havefunteachi ng.com) Why Does the Moon Change Shape? (Wonders Reading Series)	
0407.7.1	Design a simple model to illustrate how the wind and movement of water alter the earth's surface	Chapter 5, Lessons 1-3	
0407.7.2	Analyze how different earth materials are utilized to solve human problems or improve the quality of life	Chapter 5	
0407.8.1	Identify the basic features of the water cycle and describe their importance to life on earth	Chapter 6, Lesson 2 and 3 A Drop of Water (Wonders Reading Series)	

0407.8.2	Distinguish between weather and climate	Chapter 6, Lesson 1-4	
	Physical Science 1- Matter and Energy		
0407.9.1	Choose an appropriate tool for measuring a specific physical property of matter	Chapter 7, Lesson 1	
0407.9.2	Determine the mass, volume, and temperature of a substance or object using proper units of measurement	Chapter 7, Lesson 1	
0407.9.3	Interpret the causes and effects of a physical change in matter	Chapter 7, Lesson 3	

3rd 9-Weeks

4th Grade

Subject: Science

Standards		Resources	Dates Taught
0407.12.2	Determine how an electrically charged material interacts with other objects	Chapter 8, Lesson 1 and 4	
0407.12.1	Identify how magnets attract or repel one another	Chapter 8, Lesson 3	
0407.12.3	Determine the path of an electrical current in a simple circuit	Chapter 8, Lesson 2	
0407.10.3	Determine whether a material is transparent, translucent, or opaque	Chapter 9, Lesson 1	
0407.10.2	Determine which surfaces reflect, refract, or absorb light	Chapter 9, Lesson 2	
0407.10.1	Identify different forms of energy, such as heat, light, and chemical	Chapter 9	
	Physical Science 2- Motion, Forces in Nature		
0407.11.1	Describe the position of an object relative to fixed reference points	Chapter 10, Lesson 1	
0407.11.2	Identify factors that influence the motion of an object	Chapter 10, Lesson 2	
0407.11.3	Determine the relationship between speed and distance traveled over time	Chapter 10, Lesson 1	

4th 9-Weeks4th Grade

Subject: Science

Standards		Resources	Dates Taught
	*Inquiry and technology and Engineering (Physical Science)		
0407.INQ. 1	Select an investigation that could be used to answer a specific question		
0407.T/E. 1	Select a tool, technology, or invention that was used to solve a human problem		
0407.T/E2	Recognize the connection between a scientific advance and the development of a new tool or technology		
	*Inquiry and technology and Engineering (Earth Science)		
0407.INQ. 1	Select an investigation that could be used to answer a specific question		
0407.T/E. 1	Select a tool, technology, or invention that was used to solve a human problem		
0407.T/E2	Recognize the connection between a scientific advance and the development of a new tool or technology		
	*Inquiry and technology and Engineering (Life Science)		
0407.INQ. 1	Select an investigation that could be used to answer a specific question		
0407.T/E. 1	Select a tool, technology, or invention that was used to solve a human problem		

0407.T/E2	Recognize the connection between a scientific advance and the development of a new tool or technology		
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