

Marengo County Public Schools
2nd Grade Science
Spring 2008

Targeted Month	State Course of Study	Examples	Standard	Text/Resources	Date Tested
September/ January	1.) Identify states of matter as solids, liquids, and gases.	<ul style="list-style-type: none"> • Describing objects according to physical properties, including hardness, color, and flexibility • Describing changes between states of matter Examples: - solid to liquid-melting, - gas to liquid-condensing, - liquid to gas-evaporating, - liquid to solid-freezing <ul style="list-style-type: none"> • Measuring quantities of solids and liquids 	Physical	Houghton Mifflin Unit E E4-E31 COS Standards Review (HM) AMSTI "Solids and Liquids"	
September/ January	2.) Identify vibration as the source of sound.	<ul style="list-style-type: none"> • Identifying pitch and volume as properties of sound • Distinguishing between pitch and volume of sound 	Physical	Houghton Mifflin Unit E E32-E55 COS Standards (HM) AMSTI "Solids and Liquids"	
September/ January May	3.) Recognize that light travels in a straight line until it strikes an object.	<ul style="list-style-type: none"> • Recognizing that light can be reflected 	Physical	http://alex.state.al.us http://www.unitedstreaming.com AMSTI "Solids and Liquids"	
September/ January	4.) Describe observable effects of forces, including buoyancy, gravity, and magnetism.	Examples: - buoyancy-boat floating on water, - gravity-apple falling from tree, - magnetism-magnets adhering to metal <ul style="list-style-type: none"> • Identifying simple machines, including the inclined plane, lever, pulley, wedge, 	Physical	Houghton Mifflin Unit F F4-F55 COS Standards (HM)	

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		screw, and wheel and axle		AMSTI "Balancing and Weighing"	
March/ April	5.) Identify the relationship of structure to function in plants, including roots, stems, leaves, and flowers.		Life Science	Houghton Mifflin Unit: A pp. T.M. A4-A31 Ch.1 H.M. A.L. COS Standards Review ULS: Unit 1,4	
March/ April	6.) Identify characteristics of animals, including behavior, size, and body covering	<ul style="list-style-type: none"> • Comparing existing animals to extinct animals Examples: iguana to stegosaurus, elephant to woolly mammoth • Identifying migration and hibernation as survival strategies 	Life Science	Houghton Mifflin Unit:A pp. T.M. A32-A59 CH.3 pp. T.M. A60-A79 H.M. COS Standards Review UIS Unit1,4	
November/ December	7.) Identify geological features as mountains, valleys, plains, deserts, lakes, rivers, and oceans.	<ul style="list-style-type: none"> • Identifying local landforms and bodies of water • Identifying components of soil, including sand, clay, and silt 	Earth and Space	Houghton Mifflin Unit C C4 –C26 Ch. 6 H.M. A.L. COS Standards Review ULS Unit 2,3,5 Houghton Mifflin Soc.St.Unit 2	
November/ December	8.) Identify evidence of erosion and weathering of rocks.		Earth and Space	Houghton Mifflin Unit C-4C26 Ch.6 H.M. A.L. COS Standards Review.	
November/ December	9.) Describe evaporation, condensation, and precipitation in the		Earth /Space	Houghton Mifflin Science Unit D Chapter 8 pgs. D10-D13 COS Standards Review(HM)	

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	water cycle.			ULS Unit 3	
November/ December	10.) Identify the impact of weather on agriculture, recreation, the economy, and society.	<ul style="list-style-type: none"> Recognizing the importance of science and technology to weather predictions 	Life/Space	Houghton Mifflin Science Unit D Chapter 8 Unit B Chapter 4 pgs. B28-B30 COS Standards Review(HM) ULS Unit 4	
November/ December	11.) Identify basic components of our solar system, including the sun, planets, and Earth's moon.		Life/Space	Houghton Mifflin Science Unit D Chapter 9 COS Standards Review(HM) ULS Unit 6	
August				Houghton Mifflin Science Toolbox Page H 2 – H9	