

2010-11 8th Grade Science

Month/Year	Science Content Topic	PASS Skills	Activities/ Labs/ Assessments	College Readiness Standard/ Score Range
September 2010	1st 9 weeks	All Science process Skills with Emphasis on:		
	Classification	C3.1 P2.1, P 2.2	Chapter 24 Pg 824; 828-829; 832-834; 836-837; 842	
	Population Dynamics	P2.1, P2.2, P4.1, P4.2, P4.5 C3.2	Alien Classification - Janet Year 2525 - Isaac	24-27 20-23
			Oh Deer? .pc - Cindy Toothpick Birds - Cindy	24-27 20-23

2010-11 8th Grade Science

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October 2010	1st 9 Weeks	All Science Process Skills with Emphasis on: C1.1, C1.2 P1.1, P1.2, P2.2	Textbook Chapter 10 Pg. 330-331, 334-335, 339-343 Common Assessment #1 Oct 12ish	
	Fall Break			
	2nd nine weeks			
	Chemistry Chemical Bonds	C 1.1, C 1.2 P3.3, P3.4, P3.5, P3.6	Textbook Chapter 11 Pg. 363; 364; 368-374	
	Chemical reactions		Textbook Chapter 12 Pg. 394-399; 403-408	
			Mentos and Diet Coke - Janet	16-19
			Alka-Seltzer Rockets - Sarah	16-19
			Textbook Chapter 12 Pg. 394-399; 403-408	
			Electrolysis of water (pg 380-381) (optional)	

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November 2010	Minerals	C4.1, C4.2, C4.3 P1.1, P1.2, P1.3, P2.1, P2.2	Textbook Chapter 14 Pg. 471, 479-483 Mineral samples	1-12
	Rocks	C 4.2 P1.2, P1.3, P2.1, P2.2	Textbook Chapter 15 Pg. 506, 511-512 514, 515, 517, 519. 520 524-525 Chocolate Rock Cycle - Janet Rock acting -	?
	Weathering/ Soil Formation	C4.1, C4.2 P4.1, P4.2, P4.3, P4.4, P4.5	Textbooks Chapter 16 Pg. 544-545 weathering/erosion/ deposition flip book	16-19 (can be 20-23)

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December 2010	Weathering/ Soil Formation	C4.1, C4.2 P4.1, P4.2, P4.3, P4.4, P4.5	Textbook Chapter 16 Pg. 548-552 Soil horizons - Janet/ Janet	?
	Erosion	C4.2 P1.2, P1.3, P2.1, P2.2	Textbook Chapter 17 Pg. 573-574, 579-581, 593-597 Stream Tables - good job Bob Glacier Lab (book) Common Assessment #2 December 15-17	20-23 16-19

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January 2011	Plate Techtonics	C4.2, C5.1 P4.1, P4.2, P4.3, P4.4, P4.5, P5.3, P5.4	Textbook Chapter 18 Pg. 613-623. 626, 631 634-639, 684 Bill Nye Video - Earth's Crust? Plate techtonic desk demo - Issac Plate Techtonic puzzle - Janet	? ?
	Earthquakes	C4.1, C5.1 P4.1, P4.2, P4.3, P4.4, P4.5, P5.3, P5.4	Textbook Chapter 19 Pg 649-651, 655-656 658, 660-661, 665-668 shake tables - Issac	20-23

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February 2011	Mountains/ Volcanoes	C4.1, C5.1 P4.1, P4.2, P4.3, P4.4, P4.5	Textbook Chapter 20 Pg. 690-697 Graham Cracker Pudding Demo - Sarah	16-19
	Views of Earth's Past	C4.3, C5.1, C5.3 P4.1, P4.2, P4.3, P4.4, P4.5	Textbook Chapter 21 Pg. 715-718, 723-725, 733-735	
	History of Life on Earth	C3.2, C5.1, C5.2 P1.1, P1.2, P1.3, P3.2, P3.3, P3.4 P3.5, P3.6, P4.2, P4.3, P4.	Textbook Chapter 23 Pg. 797-805	

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May	Oklahoma 8th Grade Science CRT		District HIV/AIDS Guide	