

6th Science Grade Pacing Calendar

Fort Smith School District

2011-2012

August	September	October	November	December
17 NS Skills	1 TLI Math (3-6) PS.5.6.5 Construct density column	3 PS.6.6.5 Understand why objects have weight	1 Identify and analyze simple machines that make up a compound machine (PS.6.6.2)	1 Conduct investigations on how energy is converted from one form to another (PS.7.6.3)
18 NS Skills	2 TLI Math (3-6) SAME	4 SAME	2 SAME	2 SAME
19 NS Skills	6 PS.5.6.6 Use a density column to test density of objects	5 PS.6.6.6 Compare and contrast weight and mass	3 SAME	5 SAME
22 PS.5.6.1 Common examples of chemical properties	7 SAME	6 SAME	4 SAME	6 Investigate careers related to energy forms and conversions (PS.7.6.5)
23 SAME	8 PS.5.6.7 Identify characteristics of chemical changes	7 PS.6.6.10 Investigate careers, scientists, and breakthroughs related to compound machines and forces	7 Investigate the transfer of energy (PS.7.6.4)	7 SAME
24 PS.5.6.2 Compare and contrast characteristics of physical and chemical properties	9 SAME	10 SAME	8 SAME	8 SAME
25 SAME	12 PS.5.6.8 Conduct investigations comparing and contrasting chemical changes	11 TLI Lit (R 3-6 W 3-6)	9 SAME	9 Review for TLI tests
26 PS.5.6.3 Conduct investigations using acid/base indicators	13 SAME	12 TLI Math (3-6)	10 SAME	12 Review for TLI tests
29 SAME	14 PS.5.6.9 Demonstrate law of conservation of matter	13 TLI Science (3-6)	11 SAME	13 TLI Lit (R 3-6 W K-6)
30 PS.5.6.4 Determine density using SI units	15 SAME	14 End of First Quarter	14 Classify examples of energy forms (PS.7.6.1)	14 TLI Math (3-6)
31 SAME	16 PS.5.6.10 Investigate scientists, careers, and breakthroughs related to chemical properties and chemical changes	17 Review of materials or Begin 2 nd Quarter SLE's	15 SAME	15 TLI Science (3-6)
	19 PS.6.6.3 Conduct investigations of various forces using Newtons	18 P/T Conferences SAME	16 SAME	16
	20 SAME	19 SAME	17 Conservation of energy (PS.7.6.2)	19
	21 PS.6.6.4 Recognize and give examples of different forces	20 P/T Conferences SAME	18 SAME	20 End of Semester
	22 SAME	21 PD	21 SAME	
	23 PS.6.6.7 Describe the effects of force	24 Compare and contrast simple machines and compound machines (PS.6.6.1)	22 SAME	
	26 SAME	25 SAME	23-25 Thanksgiving	
	27 PS.6.6.8 Conduct investigations to demonstrate change in direction caused by force	26 SAME	28 Conduct investigations on how energy is converted from one form to another (PS.7.6.3)	
	28 SAME	27 SAME	29 SAME	
	29 PS.6.6.9 Conduct investigations to calculate change in speed caused by applying forces to an object	28 SAME	30 SAME	
	30 SAME	31 Identify and analyze simple machines that make up a compound machine (PS.6.6.2)		

January	February	March	April	May
4 ESS.8.6.1 + ESS.8.6.2 Layers of the Earth	1 ESS.8.6.12 + ESS.8.6.13 Earthquake belts and Earthquake occurrences	1 ESS.10.6.8 + ESS.10.6.9 Solar eclipse and lunar eclipse, and investigate careers related to the sun and space travel	2 LS.2.6.4 + LS.2.6.5 Functions of animal and plant organs	1 LS.4.6.3 + LS.4.6.4 Simulations demonstrating natural selection and Analyze natural selection
5 SAME	2 SAME	2 SAME	3 SAME	2 LS.4.6.1 + LS.4.6.2 Environmental conditions that affect survival and conduct simulations demonstrating competition for resources
6 SAME	3 ESS.8.6.9 Regional, local, and state landforms created by internal forces	5 SAME	4 LS.2.6.6 + LS.2.6.8 Dissect organs and investigate careers and breakthroughs related to tissues and organs	3 SAME
9 ESS.8.6.3 Convection currents in the mantle affect lithosphere movement	6 SAME	6 TLI Lit (R 3-6 W 3-6)	5 SAME	4 LS.3.6.4 + LS.3.6.8 Careers and breakthroughs related to adaptations and selective breeding and careers and breakthroughs related to innate and learned behaviors
10 SAME	7 SAME	7 TLI Math (3-6)	6 PD	7 LS.3.6.4 + LS.3.6.8 Careers and breakthroughs related to adaptations and selective breeding and careers and breakthroughs related to innate and learned behaviors
11 SAME	8 ESS.8.6.15 Careers and historical breakthroughs related to Earth's internal forces	8 TLI Sci (3-6)	9 LS.3.6.1 + LS.3.6.2 Selective breeding	8 TLI Lit (R 3-6 W 3-6)
12 SAME	9 SAME	9 End of 3 rd Quarter	10 SAME	9 TLI Math (3-6)
13 ESS.8.6.8, ESS.9.6.3, ESS.8.6.14 Landforms, plate tectonics, effect of major geological events on land and ocean	10 ESS.10.6.1 + ESS.10.6.2 Planets seem to wander and distances from sun to Earth, next nearest star to Earth	12 LS.2.6.1 Observe, describe, and illustrate plant and animal tissues	11 SAME	10 TLI Sci (3-6)
16 NO SCHOOL	13 SAME	13 P/T Conferences LS.2.6.1 Observe, describe, and illustrate plant and animal tissues	12 LS.3.6.3 Development of complex species from simple species	11 Review of Material, Dissections, or more in depth/hands on activities based on 4 th quarter SLE's
17 ESS.8.6.8, ESS.9.6.3, ESS.8.6.14 Landforms, plate tectonics, effect of major geological events on land and ocean	14 SAME	14 LS.2.6.2 + LS.2.6.3 Hierarchical relationship of cells, tissues, and organs, and investigate functions of tissues	13 SAME	14 SAME
18 SAME	15 ESS.10.6.3 + ESS.10.6.4 Astronomers measure distance to stars and rate at which we would have to travel to stars and planets	15 P/T Conferences LS.2.6.2 + LS.2.6.3 Hierarchical relationship of cells, tissues, and organs, and investigate functions of tissues	16 BENCHMARK (Dates have not been set by ADE. This is just a guess!)	15 SAME
19 ESS.9.6.1 + ESS.9.6.2 Determining geologic time and rock layer sequencing based on fossils	16 SAME	16 SAME	17 BENCHMARK	16 SAME
20 SAME	17 SAME	19-23 Spring Break	18 BENCHMARK	17 SAME
23 SAME	20 PD	26 Review of concepts taught before Spring Break	19 BENCHMARK	18 SAME

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24 ESS.8.6.4, ESS.8.6.5, ESS.8.6.6, ESS.8.6.7, ESS.8.6.10, ESS.8.6.11 Volcanoes and Earthquakes	21 ESS.10.6.6 + ESS.10.6.7 Compare and contrast comets, meteors and asteroids and explain effect of sun on comets	27 LS.2.6.7 Organ function and needs of cells	20 BENCHMARK	21 SAME
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25 SAME	22 SAME	28 SAME	23 Review of concepts taught before Benchmark	22 SAME
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26 SAME	23 SAME	29 SAME	24 LS.3.6.5, LS.3.6.6, + LS.3.6.7 Behavioral adaptations of organisms and differentiate between innate behaviors, and structural adaptations for survival	23 SAME
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27 SAME	24 ESS.10.6.7 Model moon phases demonstrating position of Earth, moon, and sun	30 LS.2.6.4 + LS.2.6.5 Functions of animal and plant organs	25 SAME	24 SAME
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30 SAME	27 SAME		26 SAME	25 End of 4 th Quarter – Final Day of School
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31 ESS.8.6.12 + ESS.8.6.13 Earthquake belts and Earthquake occurrences	28 SAME		27 SAME	
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	29 SAME		30 LS.4.6.3 + LS.4.6.4 Simulations demonstrating natural selection and Analyze natural selection	
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