

Grade 8 (SRMS) - Pacing Guide at a Glance

Instruct. Time	General Science (Block Schedule)	Earth Science	Algebra I
First Nine Weeks	Scientific Inv and Atomic Struct	Intro to ES and Mapping	Algebraic expressions - A.1
	Atomic Structure/Period Table	Plate Tectonics & Earthquakes	
	Energy and Heat	Earthquakes and Volcanoes	Solve multistep linear equations - A.4a/b/d/f
	Water and Weather	Volcanoes, Minerals and Igneous	
	Weather	Igneous, Sedimentary and Metamorp	
	Solar System	Weathering Erosion Soils & Mass Move	
	Natural Resources	Surface and Groundwater	
	Cells and Cell Processes	Surface/Groundwtr & Geol	Solve multistep inequalities - A.5a/b
	Life Processes	Physiographic Provinces & Meteorology	
Second Nine Weeks	Classification System	Meteorology	Investigate functional families - A.7
	Genetics	Meteorology and Oceanography	
	Ecosystems	Oceanography and Astronomy	
	Ecosystems and Changes in Matter	Astronomy	Direct and inverse variation - A.8
	Light/Sound, Elect and Magnetism		
	Elect&Mag, Force, Work, Simp Mach	Astronomy and Natural Res.	Graph linear equations and linear inequalities - A.6
	SOL Review	SOL Review	
	SOL Testing	SOL Testing	
		SOL Remediation for Retakes	
Winter Break		End of 1 st semester (Total 87)	
Third Nine Weeks	Scientific Inv and Atomic Struct	Intro to ES and Mapping	Systems of linear equations and linear inequalities - A.4e, A.5c/d
	Atomic Structure/Period Table	Plate Tectonics & Earthquakes	
	Energy and Heat	Earthquakes and Volcanoes	
	Water and Weather	Volcanoes, Minerals and Igneous	Laws of exponents, polynomial operations and factoring - A.2
	Weather	Igneous, Sedimentary and Metamorp	
	Solar System	Weathering Erosion Soils & Mass Move	
	Natural Resources	Surface and Groundwater	
	Cells and Cell Processes	Surface/Groundwtr & Geol	
	Life Processes	Physiographic Provinces & Meteorology	
Weeks	Classification System	Meteorology	Solving quadratic equations - A.4c
	Genetics	Meteorology and Oceanography	Simplest radical form - A.3
	Ecosystems	Oceanography and Astronomy	Data & Statistics - A.9, A.10, A.11
	Ecosystems and Changes in Matter	Astronomy	
Spring Break			
Fourth Nine	Light/Sound, Elect and Magnetism	Astronomy	Data & Statistics - A.9, A.10, A.11
	Elect&Mag, Force, Work, Simp Mach	Astronomy and Natural Res.	
	SOL Review	SOL Review	Review and assess
	SOL Testing	SOL Testing	
		SOL Remediation for Retakes	
Benchmark Testing	End of 2 nd Semester (Total 93)		
	Review and Testing		