

Oregon 2014 Science Standards Middle School Grade Level Sequence

GRADE	CROSS CUTTING THEMES	EARTH AND SPACE SCIENCES			LIFE SCIENCES		PHYSICAL SCIENCES			ENGINEERING, TECHNOLOGY, AND APPLICATIONS OF SCIENCE
	8	Stability and Change	Space Systems	History of Earth	Human Impacts	Natural Selection and Adaptations	Growth Development, and Reproduction of Organisms	Forces and Interactions	Waves and Electromagnetic Radiation	
Scale, Proportion, and Quantity		MS-ESS1-1	MS-ESS1-4	MS-ESS3-4	MS-LS4-1	MS-LS3-1	MS-PS2-1	MS-PS4-1	MS-PS3-1	MS-ETS1-1
		MS-ESS1-2			MS-LS4-2	MS-LS4-5	MS-PS2-2	MS-PS4-2	MS-PS3-2	MS-ETS1-2
		MS-ESS1-3			MS-LS4-3		MS-PS2-3	MS-PS4-3		MS-ETS1-3
					MS-LS4-4		MS-PS2-4			MS-ETS1-4
					MS-LS4-6		MS-PS2-5			

GRADE	CROSS CUTTING THEMES	EARTH AND SPACE SCIENCES			LIFE SCIENCES		PHYSICAL SCIENCES			ENGINEERING, TECHNOLOGY, AND APPLICATIONS OF SCIENCE
	7	Energy and Matter: Flows, Cycles, and Conservation	Earth's Systems	History of Earth	Human Impacts	Interdependent Relationships in Ecosystems	Matter and Energy in Organisms and Ecosystems	Chemical Reactions	Structure and Property of Matter	
		MS-ESS2-1	MS-ESS2-2	MS-ESS3-2	MS-LS2-2	MS-LS1-6	MS-PS1-2	MS-PS1-1		MS-ETS1-1
Cause and Effect		MS-ESS3-1	MS-ESS2-3		MS-LS2-5	MS-LS1-7	MS-PS1--5	MS-PS1-3		MS-ETS1-2
						MS-LS2-1	MS-PS1--6	MS-PS1-4		MS-ETS1-3
						MS-LS2-3				MS-ETS1-4
						MS-LS2-4				

GRADE	CROSS CUTTING THEMES	EARTH AND SPACE SCIENCES			LIFE SCIENCES		PHYSICAL SCIENCES			ENGINEERING, TECHNOLOGY, AND APPLICATIONS OF SCIENCE
	6	Systems and System Models	Earth's Systems	Weather and Climate	Human Impacts	Structure, Function and Information Processing	Growth Development, and Reproduction of Organisms			
Patterns		MS-ESS2-4	MS-ESS2-5	MS-ESS3-3	MS-LS1-1	MS-LS1-4			MS-PS3-3	MS-ETS1-1
Structure and Function			MS-ESS2-6		MS-LS1-2	MS-LS1-5			MS-PS3-4	MS-ETS1-2
			MS-ESS3-5		MS-LS1-3	MS-LS3-2			MS-PS3-5	MS-ETS1-3
					MS-LS1-8					MS-ETS1-4