

7th Grade Science Curriculum Map

Unit/time frame	Title	Disciplinary Core Ideas	Performance Expectations
Quarter 1	Lab Safety & Nature of Science		
Quarter 2	Molecules to Organisms; Structures and Processes	LS1.A: Structure and Function LS1.B: Growth and Development of Organisms LS1.C: Organization for Matter and Energy Flow in Organisms	MS-LS1-1 MS-LS1-2 MS-LS1-3 MS-LS1-4 MS-LS1-5 MS-LS1-6 MS-LS1-7
Quarter 3	Ecosystems	LS2.B Cycle of Matter and Energy Transfer in Ecosystems	MS-LS2-3
Quarter 3	Energy	PS3.C: Relationship Between Energy and Forces	MS-PS3-2
Quarter 3	Heredity: Inheritance and Variation of Traits	LS1.B: Growth and Development of Organisms LS3.A: Inheritance of Traits LS3.B Variation of Traits	MS-LS3-1 MS-LS3-2

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Quarter 4	Waves	PS4.A: Wave Properties PS4.B: Electromagnetic Radiation	MS-PS4-2 MS-PS4-3
Quarter 4	Earth's Place in the Universe	ESS1.A: The Universe and Its Stars	MS-ESS1-1 MS-ESS1-2
Quarter 4	Earth's Systems	ESS2.A: Earth's Materials and Systems ESS2.D: Weather and Climate	MS-ESS2-1 MS-ESS2-2 MS-ESS2-5 MS-ESS2-6
THROUGHOUT ALL UNITS	Engineering Design	ETS1.A Defining and Delimiting an Engineering Problem ETS1.B Developing Possible Solutions ETS1.C Optimizing Design Solution	ETS 1-1 ETS 1-2 ETS 1-3 ETS 1-4