

7th Grade Science Curriculum Map

This is a new curriculum that is currently being written, therefore it is a working progress. This will be updated periodically as it changes.

Unit/time frame	Title	DCI	PE
2 weeks	Lab Safety & Nature of science		
Unit 1 Quarter 1 &2 (10 weeks)	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 PS3.D: Energy in Chemical Processes and Everyday Life	MS-LS1-1. MS-LS1-2. MS-LS1-3. MS-LS1-4. MS-LS1-5 MS-LS1-6 MS-LS1-7
Quarter 2 (3 weeks)	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
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	Waves	PS4.A: Wave Properties PS4.B: Electromagnetic Radiation	MS-PS4-2. MS-PS-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 and Engineering Problem ETS1.B Developing Possible Solutions ETS1.C Optimizing Design Solution	ETS 1-1 ETS 1-2 ETS 1-3 ETS 1-4