

# 6TH GRADE SCIENCE CURRICULUM MAP

Unit/Time Frame	Title	DCI	Labs	PE
Unit 1 (2 - 3 weeks) 11 Instructional Days	Lab Safety & Nature of Science	ETS1.A: Defining and Delimiting Engineering Problems ETS1.B: Developing Possible Solutions	Saving Sam Finger Prints Sticky Tape Lab	MS-ETS1-1
Unit 2 (7 weeks)	Matter and Its Interactions	PS1.A Structure and Properties of Matter PS1.B Chemical Reactions PS3.A Definitions of Energy ETS1.B Developing Possible Solutions ETS1.C Optimizing Design Solution	Structures of Matter Molecule Simulation Phys/Chem Demo Phys/Chem Lab Conservation of Mass Endo/Exo-Thermic Lab Matter Simulation Mexico City PBL	PS 1-1 PS 1-2 PS 1-4 PS 1-5 PS 1-6
Unit 3 (6 weeks)	Energy	PS3.A Definitions of Energy PS3.B Conservation of Energy & Energy Transfer ETS1.A Defining and Delimiting and Engineering Problem ETS1.B Developing Possible Solutions		PS 3-1 PS 3-2 PS 3-3 PS 3-4 PS 3-5
Unit 4 (6 weeks)	Motion & Stability: Forces & Interactions	PS2.A Forces & Motion PS2.B Types of Interactions		PS 2-1 PS 2-2 PS 2-3 PS 2-5
Unit 5 (4 weeks)	Earth's Place in the Universe	ESS1.B Earth & The Solar System PS2.B Types of Interactions		ESS 1-1 ESS 1-2 ESS 1-3 PS 2-4
Unit 6 (1 week)	Systems of Plate Tectonics	ESS2.B Plate Tectonics & Large Scale System Interactions		ESS 2-3
Unit 7 (1 week)	Natural Resources	ESS3.A Natural Resources		ESS 3-1 PS 1-3
Unit 8 (2 weeks)	Ecosystems	LS2.A Interdependent Relationships in Ecosystems		LS 2-1 LS 2-2
Unit 9 (4 weeks)	Water On Earth's Surface	ESS2.C The roles of Water in Earth's Surface Processes		ESS 2-2 ESS 2-4 ESS 2-6
Unit 10 (2 weeks)	Water affects weather & climate	ESS2.C The roles of Water in Earth's Surface Processes		ESS 2-5
THROUGH OUT ALL UNITS	Engineering Design	ETS1.A Defining and Delimiting and Engineering Problem		ETS 1-1 ETS 1-2 ETS 1-3

		ETS1.B Developing Possible Solutions ETS1.C Optimizing Design Solution		ETS 1-4
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