

MA OpenSciEd Scope and Sequence of Units Recommendation

This document provides guidance to Massachusetts teachers using OpenSciEd as their classroom science curriculum. The following identifies the MA standards addressed or partially addressed in the OpenSciEd units. *Italics: Partially addressed standards.* Refer to the Unit Guidance documents for additional information.

6 th grade	Light Waves	6.MS-PS4-2
	Sound	6.MS-PS4-1, 6.MS-PS4-2
	Forces at a Distance	6.MS-PS4-3, 7.MS-PS2-5, 7.MS-PS3-2
	Earth in Space	6.MS-ESS1-1a, 6.MS-ESS1-5(MA), 6.MS-PS2-4, 6.MS-PS4-2, 8.MS-ESS1-1b, 8.MS-ESS1-2
	Plate Tectonics & Rock Cycling	6.MS-ESS1-4, 6.MS-ESS2-3, 6.MS-LS4-1, 7.MS-ESS2-2, 8.MS-ESS2-1
	Cells & Systems	6.MS-LS1-1, 6.MS-LS1-2, 6.MS-LS1-3
7 th grade	Contact Forces	6.MS-ETS2-1(MA), 6.MS-ETS2-2(MA), 7.MS-PS3-1, 7.MS-PS3-5, 7.MS-ETS1-2, 7.MS-ETS1-4, 7.MS-ETS1-7(MA), 8.MS-PS2-1, 8.MS-PS2-2, 8.MS-ETS2-4(MA)
	Thermal Energy	6.MS-PS4-2, 6.MS-ETS1-6(MA), 7.MS-PS3-3, 7.MS-PS3-4, 7.MS-PS3-5, 7.MS-PS3-6(MA), 7.MS-ETS1-4, 7.MS-ETS1-7(MA), 8.MS-PS1-4
	Photosynthesis/Matter Cycling	6.MS-LS1-2, 7.MS-LS2-3, 8.MS-PS1-2
	Ecosystem Dynamics & Biodiversity	6.MS-ETS1-1, 7.MS-LS2-1, 7.MS-LS2-2, 7.MS-LS2-4, 7.MS-LS2-5, 7.MS-LS2-6(MA), 7.MS-ESS3-4, 7.MS-ETS1-2, 7.MS-ETS1-4
	Natural Resources & Human Impact	7.MS-ESS3-3, 7.MS-ESS3-4, 8.MS-ESS3-1, 8.MS-ESS3-5, 7.MS-ETS1-2
	Natural Hazards	6.MS-ETS1-1; 7.MS-ESS3-2; 7.MS-ETS1-2
8 th grade	Chemical Reactions & Matter	8.MS-PS1-1, 8.MS-PS1-2, 8.MS-PS1-5, 6.MS-PS1-8(MA)
	Chemical Reactions & Energy	6.MS-PS1-6, 7.MS-ETS1-2, 7.MS-ETS1-4, 7.MS-ETS1-7(MA)
	Metabolic Reactions	8.MS-LS1-5, 8.MS-LS1-7, 8.MS-PS1-1, 8.MS-PS1-2, 6.MS-LS1-3
	Genetics	8.MS-LS1-5, 8.MS-LS3-1, 8.MS-LS3-2, 8.MS-LS3-3(MA), 8.MS-LS3-4(MA), 8.MS-LS4-5
	Natural Selection & Ancestry	6.MS-LS4-1, 6.MS-LS4-2, 7.MS-LS1-4, 8.MS-LS4-4
	Weather	6.MS-PS1-7(MA), 6.MS-PS4-2, 7.MS-ESS2-4, 7.MS-PS3-4, 7.MS-PS3-6(MA), 8.MS-ESS2-5, 8.MS-ESS2-6, 8.MS-PS1-4, 8.MS-PS2-2

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