

MA OpenSciEd Unit Sequence & Alignment with 2016 MA STE Framework

The table below provides guidance to Massachusetts teachers using OpenSciEd as their classroom science curriculum. The following identifies the MA standards addressed or partially addressed in the released OpenSciEd units. *Italics indicated partially addressed standards*

6 th grade	MA 6.1) Light & Matter	6.MS-PS4-2
	MA 6.2) Sound Waves (OSE 8.2)*	6.MS-PS4-1, 6.MS-PS4-2
	MA 6.3) Forces at a Distance (OSE 8.3)*	6.MS-PS4-3, 7.MS-PS2-5, 7.MS-PS3-2
	MA 6.4) Earth in Space (OSE 8.4)*	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
	MA 6.5) Plate Tectonics & Rock Cycling (OSE 6.4)	6.MS-ESS1-4, 6.MS-ESS2-3, 6.MS-LS4-1, 7.MS-ESS2-2, 8.MS-ESS2-1
	MA 6.6) Cells & Systems	6.MS-LS1-1, 6.MS-LS1-2, 6.MS-LS1-3
7 th grade	MA 7.1) Contact Forces (OSE 8.1)*	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)
	MA 7.2) Thermal Energy (OSE 6.2)*	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
	MA 7.3) Matter Cycling & Photosynthesis (OSE 7.4)	6.MS-LS1-2, 7.MS-LS2-3, 8.MS-PS1-2
	MA 7.4) Ecosystem Dynamics	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
	MA 7.5) Natural Resources & Human	7.MS-ESS3-3, 7.MS-ESS3-4, 8.MS-ESS3-1, 8.MS-ESS3-5, 7.MS-ETS1-2
	MA 7.6) Natural Hazards (OSE 6.5)*	6.MS-ETS1-1, 7.MS-ESS3-2, 7.MS-ETS1-2
8 th grade	MA 8.1) Chemical Reactions & Matter (OSE 7.1)*	6.MS-PS1-8(MA), 8.MS-PS1-1, 8.MS-PS1-2, 8.MS-PS1-5
	MA 8.2) Chemical Reactions & Energy (OSE 7.2)*	6.MS-PS1-6, 7.MS-ETS1-2, 7.MS-ETS1-4, 7.MS-ETS1-7(MA)
	MA 8.3) Metabolic Reactions (OSE 7.3)*	6.MS-LS1-3, 8.MS-LS1-5, 8.MS-LS1-7, 8.MS-PS1-1, 8.MS-PS1-2
	MA 8.4) 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
	MA 8.5) Natural Selection & Ancestry	6.MS-LS4-1, 6.MS-LS4-2, 7.MS-LS1-4, 8.MS-LS4-4
	MA 8.6) Weather (OSE 6.3)*	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

* Indicates unit that appears in a different grade level in the OSE national sequence

Standards not addressed include: 6.MS-ETS1-5; 6.MS-ETS2-3(MA); 7.MS-ETS3-1-5(MA); 7.MS-PS2-3; 8.MS-ETS2-5(MA)