

	1 st Semester			2 nd Semester		
Topic	Contact Forces	Sound Waves	Forces at a Distance	Earth and Space	Genetics	Natural Selection & Common Ancestry
Essential Questions	Why do things sometimes get damaged when they hit each other?	How can a sound make something move?	How can a magnet move another object without touching it?	How are we connected to the patterns we see in the sky and space?	Why are living things different from one another?	How could things living today be connected to the things that lived long ago?
Standards/ Outcomes	MS-PS2-1, PS2-2, PS3-1, LS1-8, ETS1-2, ETS1-3	MS-PS4-1, PS4-2	MS-PS2-3, PS2-5, PS3-2	MS-ESS1-1, ESS1-2, ESS1-3, PS2-4, PS4-2	MS-LS1-2, LS1-4, LS1-5, LS3-1, LS3-2, LS4-5	MS-LS1-4, LS4-1-4, MS-LS4-6
Curriculum Materials	OpenSciEd.org					
Supplemental Materials	CK-12 Flexbook, Science World Magazine, Sciencedaily.com, YouTube Videos, Bill Nye, Nova, Learn.Genetics, HHMI Biointeractive					
Connections						
Assessments	NGSS Performance Expectations					

*Note: Order of units is at Instructor's discretion