

Pacing Guide for Science

	Physical Science	Earth Science	Life Science	Engineering
Grade K	K-PS2 Motion and Stability: Forces and Interactions K-PS3 Energy	K-ESS2 Earth's Systems K-ES3 Earth and Human Activity	K-LS1 From Molecules to Organisms: Structures and Processes	K-2 ETS1 Engineering Design
Grade 1	1- PS4 Waves and Their Applications for Information Transfer	1-ESS1 Earth's Place in the Universe	1-LS1 From Molecules to Organisms: Structures and Processes 1-LS3 Heredity: Inheritance and Variation of Traits	K-2 ETS1 Engineering Design
Grade 2	2-PS1 Matter and Its Interactions	2-ESS1 Earth's Place in the Universe 2-ESS2 Earth's Systems	2-LS2 Ecosystems: Interactions, Energy, and Dynamics 2-LS4 Biological Evolution: Unity and Diversity	K-2 ETS1 Engineering Design
Grade 3	3-PS2 Motion and Stability: Forces and Interactions	3-ESS2 Earth's Systems 3-ES3 Earth and Human Activity	3-LS1 From Molecules to Organisms: Structures and Processes 3-LS2 Ecosystems: Interactions, Energy, and Dynamics 3-LS3 Heredity: Inheritance and Variation of Traits 3-LS4 Biological Evolution: Unity and Diversity	3-5 Engineering and Design
Grade 4	4-PS3 Energy 4-PS3 Waves and Their Applications for Information Transfer	4-ESS1 Earth's Place in the Universe 4-ESS2 Earth's Systems 4-ES3 Earth and Human Activity	4-LS1 From Molecules to Organisms: Structures and Processes	3-5 Engineering and Design
Grade 5	5-PS1 Matter and Its Interactions 5-PS2 Motion and Stability: Forces and Interactions 5-PS3 Energy	5-ESS1 Earth's Place in the Universe 5-ESS2 Earth's Systems 5-ES3 Earth and Human Activity	5-LS1 From Molecules to Organisms: Structures and Processes 5-LS2 Ecosystems: Interactions, Energy, and Dynamics	3-5 Engineering and Design
Grade 6	MS PS1 (1-6) Matter and Its Interactions MS PS2 (1-5) Motion and Stability: Forces and Interactions MS PS3 (1-5) Energy	MS ESS1 (1-3) Earth's Place in the Universe MS ESS2 (2-6) Earth's Systems MS ESS3 (1) Earth and Human Activity	MS LS2 (1-2) Ecosystems: Interactions, Energy and Dynamics	MS ETS1 Engineering Design

	MS PS4 (1-2) Waves and Their Applications in Technologies for Information Transfer			
Grade 7	MS PS3 (2) Energy MS PS4 (2-3) Waves and Their Applications in Technologies for Information Transfer	MS ESS1 (1-2) Earth's Place in the Universe MS ESS2 (1,2,5,6) Earth's Systems MS ESS3 (2) Earth and Human Activity	MS LS1 (1-7) From Molecules to Organisms: Structures and Processes MS LS2 (3) Ecosystems: Interactions, Energy and Dynamics MS LS3 (1-2) Heredity: Inheritance and Variation of Traits	MS ETS1 Engineering Design
Grade 8		MS ESS1 (4) Earth's Place in the Universe MS ESS2 (3,5,6) Earth's Systems MS ESS3 (3-5) Earth and Human Activity	MS LS1 (8) From Molecules to Organisms: Structures and Processes MS LS2 (4,5) Ecosystems: Interactions, Energy and Dynamics MS LS4 (1-6) Biological Evolution: Unity and Diversity	MS ETS1 Engineering Design