

**Next Generation Science Standards
Disciplinary Core Ideas (unless indicated; click on the link for more details)**

Seashore – Salt Marsh

Elementary		
K	Grade 1	Grade 2
K-LS1 From molecules to organisms: Structures and processes K-ESS2 Earth's Systems K-ESS3 Earth and Human Activity	1-LS1 From Molecules to Organisms: Structure and Processes 1-LS3 Heredity: Inheritance and Variation of Traits 1-ESS1 Earth's Place in the Universe	2-LS2 Ecosystems: Interactions, Energy, and Dynamics 2-LS4 Biological Evolution: Unity and Diversity 2-ESS2 Earth's Systems
Grade 3	Grade 4	Grade 5
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	4-LS1 From Molecules to Organisms: Structures and Processes 4-ESS1 Earth's Place in the Universe 4-ESS2 Earth's Systems <hr/> 3-5-ETS1 Engineering Design	5-PS3 Energy 5-LS1 From Molecules to Organisms: Structures and Processes 5-LS2 Ecosystems: Interactions, Energy, and Dynamics 5-ESS1 Earth's Place in the Universe 5-ESS2 Earth's Systems 5-ESS3 Earth and Human Activity
Middle School: Grades 6- 8		
Physical Science	Life Sciences	Earth & Space Science
N/A Crosscutting Concept: Energy and Matter <ul style="list-style-type: none"> The transfer of energy can be tracked as energy flows through a designed or natural system. (MS-PS3-3) 	MS-LS1 From Molecules to Organisms: Structure and Processes MS-LS2 Ecosystems: Interactions, Energy, and Dynamics MS-LS4 Biological Evolution: Unity and Diversity	MS-ESS1 Earth's Place in the Universe MS-ESS2 Earth's Systems MS-ESS3 Earth and Human Activity
High School: Grades 9-12		
Physical Science	Life Sciences	Earth & Space Science
Connections to Nature of Science Scientific Knowledge Assumes an Order and Consistency in Natural Systems Scientific knowledge is based on the assumption that natural laws operate today as they did in the past and they will continue to do so in the future. (HS-LS4-1),(HS-LS4-4)	HS-LS1 From Molecules to Organisms: Structures and Processes HS-LS2 Ecosystems: Interactions, Energy, and Dynamics HS-LS4 Biological Evolution: Unity and Diversity	HS-ESS1 Earth's Place in the Universe HS-ESS2 Earth's Systems HS-ESS3 Earth and Human Activity