

# NGSS Matrix Organized by Topics

		Life Science	Earth & Space Science	Physical Science
Elementary School	K	K. Interdependent Relationships in Ecosystems: Animals, Plants, and Their Environment	K. Weather and Climate	K. Structure and Properties of Matter
	1	1. Structure, Function, and Information Processing	1. Space Systems: Patterns and Cycles	1. Waves: Light and Sound
	2	2. Interdependent Relationships in Ecosystems	2. Earth's Surface Systems: Processes that Shape the Earth	2. Structure and Properties of Matter 2. Forces and Motion: Pushes and Pulls
	3	3. Interdependent Relationships in Ecosystems: Environmental Impacts on Organisms 3. Inheritance and Variation of Traits: Life Cycles and Traits	3. Weather and Climate	3. Forces and Interactions
	4	4. Structure, Function, and Information Processing	4. Earth's Surface Systems: Processes that Shape the Earth	4. Energy 4.W Waves
	5	5. Matter and Energy in Organisms and Ecosystems	5. Earth's Surface Systems 5. Space Systems: Stars and the Solar System	5. Structure and Properties of Matter
Middle School		MS. Structure, Function, and Information Processing MS. Growth, Development, and Reproduction of Organisms MS. Matter and Energy in Organisms and Ecosystems MS. Interdependent Relationships in Ecosystems MS. Natural Selection and Adaptations	MS. Space Systems MS. The History of Earth MS. Earth's Interior Systems MS. Earth's Surface Systems MS. Weather and Climate Systems MS. Human Impacts	MS. Structure and Properties of Matter MS. Chemical Reactions MS. Forces and Interactions MS. Energy MS. Waves and Electromagnetic Radiation
High School		HS. Structure, Function, and Information Processing HS. Inheritance and Variation of Traits HS. Matter and Energy in Organisms and Ecosystems HS. Interdependent Relationships in Ecosystems HS. Natural Selection and Evolution	HS. Space Systems HS. History of Earth HS. Earth's Systems HS. Weather and Climate HS. Human Sustainability	HS. Structure and Properties of Matter HS. Chemical Reactions HS. Forces and Interactions HS. Energy HS. Waves and Electromagnetic Radiation

**Note: The core ideas for Engineering, Technology, and the Application of Science are integrated with the Life Science, Earth & Space Science, and Physical Science core ideas**