

# Delran Township Schools K-12 Science Curriculum Map



## Kindergarten through Fifth Grade at Millbridge Elementary and Delran Intermediate Schools

Grade	September-December Trimester 1	December-March Trimester 2	March-June Trimester 3
Kindergarten	Pushes and Pulls	Weather and Climate	Interdependent Relationships in Ecosystem: Animals, Plants and Their Environment
1st	Waves: Light and Sound	Space Systems: Patterns and Cycles	Structure, Function and Information Processing
2nd	Structure and Properties of Matter	Earth's Systems: Processes that Shape the Earth	Interdependent Relationships in Ecosystems
3rd	Weather and Climate	Forces and Interactions	Life Cycles and Traits for Survival
4th	Earth's Systems and Processes that Shape the Earth	Energy, Waves and Information	Structure, Function and Information Processing
5th	Structures and Properties of Matter	Earth and Space Systems	Matter and Energy in Organisms and Ecosystems (Animals and Plants)

## Delran Middle School

*Accelerated Science classes also engage in a year long science research project.*

Grade	1st Marking Period	2nd Marking Period	3rd Marking Period	4th Marking Period
6th	Waves and Their Applications to Technology	<ul style="list-style-type: none"> <li>Weather and Climate</li> <li>Space Systems</li> </ul>	Structure, Function and Information Processing	Growth, Development, and Reproduction of Organisms
7th	Earth Systems	<ul style="list-style-type: none"> <li>Earth Systems</li> <li>Matter and Energy in Organisms and Ecosystems</li> </ul>	<ul style="list-style-type: none"> <li>Interdependent Relationships in Ecosystems</li> <li>Structure and Properties of Matter</li> </ul>	<ul style="list-style-type: none"> <li>Structure and Properties of Matter</li> <li>Chemical Reactions</li> </ul>
8th	Human Impact	<ul style="list-style-type: none"> <li>History of the Earth</li> <li>Natural Selection and Adaptation</li> </ul>	Forces and Interactions	Energy

## Delran High School

Grade	1st Marking Period	2nd Marking Period	3rd Marking Period	4th Marking Period
Environmental Science	Origins of the Earth	<ul style="list-style-type: none"> <li>Sculpting the Earth</li> <li>Cycling of the Earth</li> </ul>	<ul style="list-style-type: none"> <li>Patterns of the Earth</li> <li>Sustainability of the Earth</li> </ul>	Sustainability of the Earth
Biology	Structure and Function in Living Things	<ul style="list-style-type: none"> <li>Structure and Function in Living Things</li> <li>Bioenergetics</li> </ul>	<ul style="list-style-type: none"> <li>Inheritance and Variation of Traits</li> <li>Natural Selection and Evolution</li> </ul>	Biological Interactions in Ecosystems
Physical Science <i>General Level ONLY</i>	Matter and Its Interactions	Energy	Waves and Their Applications in Technologies for Information Transfer	Motion and Stability Forces and Interactions
Chemistry	Foundations of Chemistry and Thermodynamics	Atomic Structure and Nuclear Chemistry	<ul style="list-style-type: none"> <li>Periodic Trends and Reactivity</li> <li>Bonding and Intermolecular Forces</li> </ul>	Chemical Reactions
Physics	Forces and Motion	Energy	Electricity and Magnetism	Waves and Their Application to Technology

## Delran High School Elective Science and Technology Choices

Research in Science	CP Ecology of New Jersey	CP Horticulture
CP Forensic Science	CP Meteorology	CP Astronomy
CP Human Anatomy and Physiology	CP Microbiology	AP Biology
AP Chemistry	AP Physics C	AP Computer Science A
CP Computer Programming		