

## Curriculum Crosswalk by Grade



		GPS	6th	7th	8th
<b>Nature of Science</b>					
<b>Scientific Skills</b>					
	Lab Safety	S6CS9, S7CS9, S8CS9			
	Conducting an Experiment	S6CS9, S7CS9, S8CS9			
	The Scientific Method	S6CS9, S7CS9, S8CS9			
	Using a Microscope	S7CS9			
<b>History of Science</b>					
	History of Science Innovation	S6CS8, S7CS8, S8CS8			
<b>Physical Science</b>					
<b>Properties of Matter</b>					
	States of Matter	S8P1c			
	Properties of Matter	S8P1d			
	Changes in the Properties of Matter	S8P1e			
	Elements and the Periodic Table	S8P1f			
	Mixtures	S8P1b			
	Structure of an Atom	S8P1a			
	Properties of an Atom	S8P1a			
	Chemical Reactions	S8P1g			
	Compounds	S8P1b			
	Heat from Reactions	S8P2d			
	Formulae and Equations				
<b>Energy Force and Motion</b>					
	Effects of Force	S8P3b			
	Friction	S8P2d			
	Speed and Velocity	S8P3a			
	Energy	S8P2a,c			
	Work and Energy	S8P2b			
	Newtons Laws	S8P3b			
	Magnetism	S8P5c			
	Series and Parallel Circuits	S8P5b			
	Electromagnetism	S8P5c			
	Sound Waves	S8P4e,f			
	Waves	S8P4a,d,f			
	Light Rays	S8P4b,c,f			
	Simple Machines	S8P3c			
	Acceleration	S8P3a			
<b>Life Science</b>					
<b>Living Systems</b>					
	Cells	S7L2b			
	Multicellular Organisms	S7L2c			
	The Human Body	S7L2c			
	Human Body Systems	S7L2e			
	Body Feedback Mechanisms	S7L2e			
<b>Regulation and Behavior</b>					
	Organisms and their Environment	S7L4c			

**Life Science**

**GPS**

6th	7th	8th

Physiological Needs	S7L2a,d
Response to Stimuli I	S7L2d
Response to Stimuli II	S7L4c
Characteristics of Living Things	S7L1a

**Reproduction and Heredity**

Heredity Traits I	S7L3c
Heredity Traits II	S7L4d
Genetics	S7L3a
Reproduction	S7L3b


**Populations and Ecosystems**

Ecosystems and Habitats	S7L4e
Ecosystem Energy Chain	S7L4a
Classification	S7L1b
Producers, Consumers, and Decomposers	S7L4a,b
Ecosystems II	S7L4c,d
Photosynthesis	S7L4b


**Diversity and Adaptation of Organisms**

Biological Adaptations	S7L5a
Biological Diversity	S7L5b
Extinction	S6E5g, S7L5c


**Earth and Space Science**

**Structure of the Earth System**

Land Formation	S6E5a
Weathering and Erosion	S6E5f, i
Rock Cycle	S6E5d
Rock Types	S6E5b,c
Soil Composition	S6E5h
Oil Pollution	S6E5j
Plate Motion	S6E5e


**Water and the Atmosphere**

The Water Cycle	S6E3b
Earth's Atmosphere	S6E3b
Ground/Surface Water	S6E3a
Climate	S6E4a,b
Clouds	S6E3b
Ocean Systems	S6E3c,d


**Solar System and the Universe**

Solar System	S6E1c,d,f
The Moon	S6E2a,b
Seasons	S6E2c
Impact of the Sun's Energy	S6E6a
Renewable, Non-renewable Energy Resources	S6E6b
Gravity	S6E1e, S8P5a
The Universe	S6E1a,b


**Science and Technology**

**Science and Technology**

Design and Problem Solving	S8CS9
Transportation/Space Exploration	S6CS8
Contributors to Science and Technology	S6CS8, S7CS8, S8CS8


**Science in Personal and Social Perspectives**

**Personal and Social Perspectives**

Science in our World  
Diet  
Exercise  
Health  
Populations, Resources, and Environments  
Natural Hazards

**GPS**

S6CS8, S7CS8, S8CS8  
S7L2a  
  
S6E5i,j  
S6E4b

**6th**    **7th**    **8th**














