



This correlation chart shows how *Functional Geography Levels 9-12* is aligned to the National Science Content Standards.

National Science Content Standards	Formation of Wind, Weather, Wind Patterns, Water Cycles, Land and Sea Breezes (Chapter 4)	Marine Currents (Chapter 5)	Erosion, Glaciers, Land Formations Made by Water (Chapter 6)	Safety First	Measurement Activities
<b>Grades K-4</b>					
<b>4A. Science as Inquiry (SI)</b>					
(4SI1) Abilities necessary to do scientific inquiry	✓	✓	✓		✓
(4SI2) Understandings about scientific inquiry	✓	✓	✓		✓
<b>4B. Physical Science (PS)</b>					
(4PS1) Properties of objects and materials	✓	✓	✓		
(4PS2) Position and motion of objects	✓				
<b>4D. Earth and Space Science (ESS)</b>					
(4ESS1) Properties of earth materials	✓	✓	✓		
(4ESS3) Changes in the earth and sky	✓	✓	✓		
<b>4E Science and Technology (EST)</b>					
(4EST1) Abilities of technological design	✓	✓	✓		✓
(4EST2) Understanding about science and technology	✓	✓	✓		✓
<b>4F Science in Personal and Social Perspective (SPSP)</b>					
(4FSPSP1) Personal health				✓	
(4FSPSP4) Changes in environments	✓	✓	✓		✓
<b>4G History and Nature of Science</b>					
(4GHNS.1) Science as a human endeavor	✓	✓	✓		
<b>Grades 5-8</b>					
<b>8A Science as Inquiry</b>					
(8ASI1) Abilities necessary to do scientific inquiry	✓	✓	✓		✓
(8ASI2) Understandings about scientific inquiry	✓	✓	✓		✓
<b>8B Physical Science</b>					
(8BPS2) Motion and forces	✓	✓	✓		
<b>8D. Earth and Space Science</b>					
(8DESS1) Structure of the earth system	✓	✓	✓		

(8DESS2) Earth's history	✓	✓	✓		
(8DESS3) Earth in the solar system	✓	✓	✓		

National Science Content Standards	Formation of Wind, Weather, Wind Patterns, Water Cycles, Land and Sea Breezes (Chapter 4)	Marine Currents (Chapter 5)	Erosion, Glaciers, Land Formations Made by Water (Chapter 3)	Safety First	Measurement Activities
<b>8E Science and Technology</b>					
(8EST1) Abilities of technological design	✓	✓	✓		
(8EST2) Understanding about science and technology	✓	✓	✓		
<b>8F Science in Personal and Social Perspective</b>					
(8FSPSP1) Personal health				✓	
(8FSPSP3) Natural hazards		✓	✓		
(8FSPSP4) Risks and benefits		✓	✓		
(8FSPSP5) Science and technology in society	✓	✓	✓		
<b>8G History and Nature of Science</b>					
(8GHNS.1) Science as a human endeavor	✓	✓	✓		
(8GHNS.2) Nature of science	✓	✓	✓		
(8GHNS.3) History of science	✓	✓	✓		
<b>Grades 9-12</b>					
<b>12A Science as Inquiry</b>					
(12ASI1) Abilities necessary to do scientific inquiry	✓	✓	✓		✓
(12ASI2) Understandings about scientific inquiry	✓	✓	✓		✓
<b>12C Life Science</b>					
(12CLS5) Matter, energy, and organization in living systems	✓	✓	✓		
<b>12D Earth and Space Science</b>					
(12DESS1) Energy in the earth system		✓	✓		
(12DESS2) Geochemical cycles		✓	✓		
(12DESS3) The origin and evolution of the earth system	✓	✓	✓		
<b>12E Science and Technology</b>					
(12EST1) Abilities of technological design	✓	✓	✓		✓
(12EST2) Understanding about science and technology	✓	✓	✓		✓
<b>12G History and Nature of Science</b>					
(12GHNS.1) Science as a human endeavor	✓	✓	✓		
(12GHNS.2) Nature of science	✓	✓	✓		
(12GHNS.3) History of science	✓	✓	✓		