

Instructional Segment	How Sharks Work	Changing Currents
<p>Grades 6-8 Program Synopsis</p>	<p>How do sharks' body systems work together for life processes? Students will assess the unique body systems of sharks and rays and how they help them be apex predators in their environments. Students will compare the skeletal composition of sharks and rays to their own, while discovering sensory organs that have electromagnetic reception!</p>	<p>How are ocean currents formed and how do they impact marine organisms? Ocean currents are moved around the planet predictably by gravity and wind and help contribute to our global climate. Everything on Earth depends on the harmonious movement of the currents including the smallest microorganisms. Students will consider how currents are formed and how they directly affect microorganisms, which in turn affects marine food webs.</p>
<p>Key Terminology</p>	<ul style="list-style-type: none"> • Skeleton • Respiratory System • Cardiovascular System • Dentition • Magnetism • Ampullae of Lorenzini 	<ul style="list-style-type: none"> • Currents • Climate • Convection • Hydrothermal Vent • Plankton • Microorganism • Asexual Reproduction • Sexual Reproduction
<p>Georgia Standards of Excellence</p>	<p>S6E3a, S7L2c. , S8P5a.</p>	<p>S6E3d, S7L3b, S8P2d.</p>
<p>Next Generation National Science Standards</p>	<p>MS-LS1-3</p>	<p>MS-ESS2-4</p>

