

# Next Generation Science Standards for Marine Debris



Science & Engineering Practices



Disciplinary Core Idea



Crosscutting Concept

K	1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	4 <sup>th</sup>	5 <sup>th</sup>	6 <sup>th</sup>
<p><b>K.Forces and Interactions: Pushes and Pulls</b>  <b>K-PS2-1</b>  <b>PS2.A</b>                      (K- PS2-1)                      (K-PS2-2)                      (K-PS2-1)                      (K-PS2-2)</p> <hr/> <p><b>K.Interdependent Relationships in Ecosystems: Animals, Plants, and Their Environment</b>  <b>K-ESS3-1</b>  <b>K-ESS3-3</b>                      (K-ESS3-1)                      (K-ESS3-3)  <b>LS1.C</b>                      (K-LS1-1)  <b>ESS3.C</b>                      (K-ESS2-2)                      (K-ESS3-3)                      (K-ESS3-3)</p>	<p><b>K-2.Engineering Design</b>  <b>K-2-ETS1-1.</b>                      (K-2- ETS1-1)  <b>ETS1.A</b>                      (K-2- ETS1-1)                      (K-2-ETS1-1)</p>	<p><b>2.Interdependent Relationships in Ecosystems</b>                      Developing and Using Models                      (2-LS2-2)                      (2-LS2-1)                      (2-LS4-1)  <b>LS4.D</b>                      (2-LS4-1)  <b>ETS1.B</b>                      (2-LS2-2)                      (2-LS2-1)</p> <hr/> <p><b>2.Earth's Systems: Processes that Shape</b>                      (2-ESS2-2)                      (2-ESS2-1)                      (2-ESS2-3)                      (2- ESS1-1)                      (2-ESS2-1)</p>	<p><b>3-LS4 Biological Evolution: Unity and Diversity</b>  <b>3-LS4-3.</b>  <b>3-LS4-4</b>                      Constructing Explanations and Designing Solutions  <b>LS2.C</b>                      (3-LS4-4)  <b>LS4.C</b>                      (3-LS4-3)  <b>LS4.D</b>                      (3-LS4-4)                      (3-LS4- 2)                      (3-LS4-3)</p> <p><b>3-5-ETS1-2</b>                      (3-5-ETS1-1)  <b>ETS1.B</b>                      (3-5-ETS1-2)</p>	<p><b>ESS2 Earth's Systems</b>  <b>4-ESS2-2.</b>                      Planning and Carrying Out Investigations                      (4-ESS2-1)                      (4-ESS2-1)</p> <hr/> <p><b>3-5-ETS1 Engineering Design</b>  <b>3-5-ETS1-2.</b>                      (3-5-ETS1-1)                      (3-5-ETS1-2)                      (3- 5-ETS1-1)                      (3-5-ETS1-2)</p>	<p><b>5-PS1 Matter and Its Interactions</b></p> <hr/> <p><b>5-PS1-3. Make observations and measurements to identify materials based on their properties.</b>                      Developing and Using Models                      (5-PS1-1)                      (5-PS1-4)                      (5-PS1-3)                      (5-PS1-4)</p> <hr/> <p><b>5-ESS3 Earth and Human Activity</b></p> <hr/> <p><b>5-ESS3-1</b>                      (5-ESS3-1)                      (5-ESS3-1)</p> <hr/> <p><b>3-5-ETS1</b>                      (3-5-ETS1-1)                      (3- 5-ETS1-1)                      (3-5-ETS1-2)</p>	<p><b>MS-LS1 From Molecules to Organisms: Structures and Processes</b></p> <hr/> <p><b>MS-LS1-6</b>                      (MS-LS1-2)                      (MS-LS1-7)                      (MS-LS1-1)                      (MS-LS1-5)                      (MS-LS1-6)  <b>LS1.B</b>                      (MS-LS1-4)                      (MS-LS1-4)                      (MS-LS1-5)                      (MS-LS1-8)                      (MS-LS1-4)                      (MS- LS1-5)</p> <hr/> <p><b>MS-LS1-5</b></p> <hr/> <p><b>MS-ESS3 Earth and Human Activity</b>  <b>MS-ESS3-3</b>  <b>ESS3.C</b>                      (MS-ESS3-3)                      (MS- ESS3-3)                      (MS-ESS3-4)                      (MS-ESS3-5)</p>