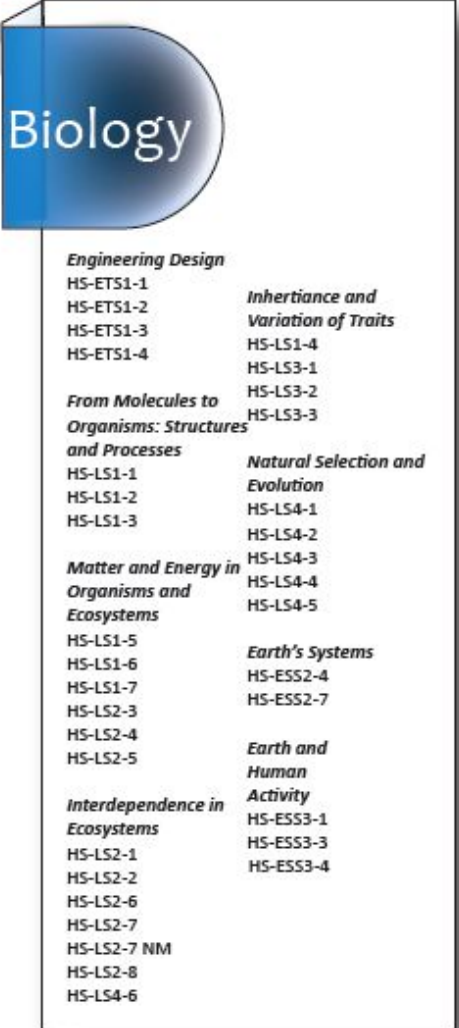


This document provides suggested identification of Essential Standards from NMPED’s NM STEM Ready! standards for Biology.

Essential - standards that should be mastered

Very Important - standards that should be included, but may or may not be mastered

Important - should be introduced to students who have mastered Essential and Very Important standards

<p><u>NM STEM Ready! Biology</u></p> <p>Recommended by NMPED</p>	<p>Identification of Essential Standards</p> <p>Suggested by APS</p>	
 <p>Biology</p> <p><i>Engineering Design</i> HS-ETS1-1 HS-ETS1-2 HS-ETS1-3 HS-ETS1-4</p> <p><i>From Molecules to Organisms: Structures and Processes</i> HS-LS1-1 HS-LS1-2 HS-LS1-3</p> <p><i>Matter and Energy in Organisms and Ecosystems</i> HS-LS1-5 HS-LS1-6 HS-LS1-7 HS-LS2-3 HS-LS2-4 HS-LS2-5</p> <p><i>Interdependence in Ecosystems</i> HS-LS2-1 HS-LS2-2 HS-LS2-6 HS-LS2-7 HS-LS2-7 NM HS-LS2-8 HS-LS4-6</p> <p><i>Inheritance and Variation of Traits</i> HS-LS1-4 HS-LS3-1 HS-LS3-2 HS-LS3-3</p> <p><i>Natural Selection and Evolution</i> HS-LS4-1 HS-LS4-2 HS-LS4-3 HS-LS4-4 HS-LS4-5</p> <p><i>Earth's Systems</i> HS-ESS2-4 HS-ESS2-7</p> <p><i>Earth and Human Activity</i> HS-ESS3-1 HS-ESS3-3 HS-ESS3-4</p>	<p>From Molecules to Organisms: Structures and Processes HS-LS1-1</p>	<p>Essential</p>
	<p>Matter and Energy in Organisms and Ecosystems HS-LS-1-5,6,7</p>	<p>Essential</p>
	<p>Interdependence in Ecosystems HS-LS2-1,6,7NM,8</p>	<p>Essential</p>
	<p>Inheritance and Variation of Traits HS-LS1-4 HS-LS 3-1,2</p>	<p>Essential</p>
	<p>Natural Selection and Evolution HS-LS4-2,4,5</p>	<p>Essential</p>
	<p>Earth's Systems HS-ESS2-7</p>	<p>Essential</p>
	<p>Earth and Human Activity HS-ESS3-4</p>	<p>Essential</p>
	<p>From Molecules to Organisms: Structures and Processes HS-LS1-2,3</p>	<p>Very Important</p>
	<p>Matter and Energy in Organisms and Ecosystems HS-LS2-3,5</p>	<p>Very Important</p>
	<p>Interdependence in Ecosystems HS-LS2-7</p>	<p>Very Important</p>
<p>Inheritance and Variation of Traits HS-LS3-3</p>	<p>Very Important</p>	

	Natural Selection and Evolution HS-LS4-3	Very Important
	Earth's Systems HS-ESS2-4	Very Important
	Engineering Design** HS-ETS1-1,2,3,4	Important
	Matter and Energy in Organisms and Ecosystems HS-LS2-4	Important
	Interdependence in Ecosystems HS-LS2-4 HS-LS4-6	Important
	Natural Selection and Evolution HS-LS4-1	Important
	Earth and Human Activity HS-ESS3-1,3	Important

**Engineering Design may be embedded within the identified Essential standards.