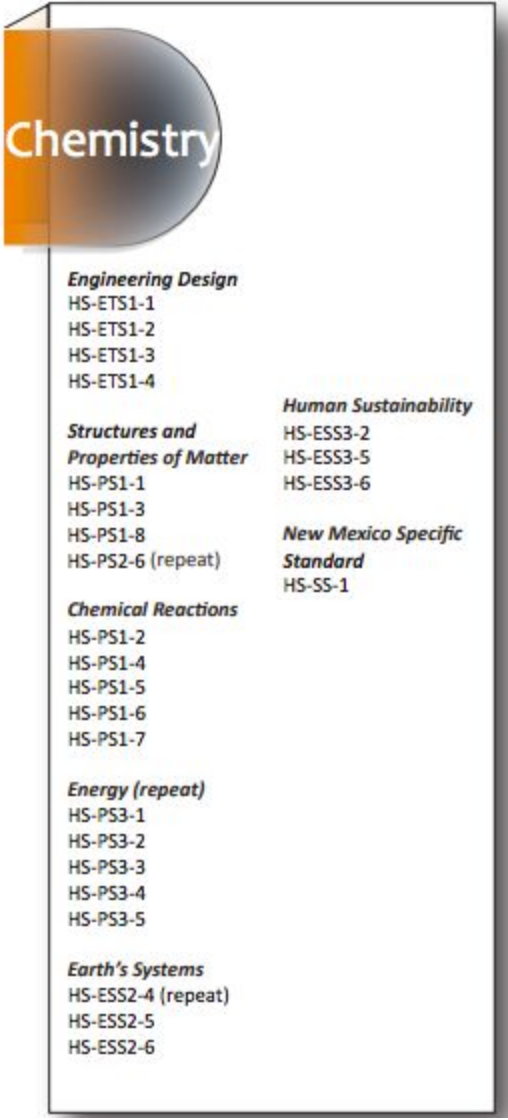


This document provides suggested identification of Essential Standards from NMPED's NM STEM Ready! standards for Chemistry.

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><b><u>NM STEM Ready! Chemistry</u></b></p> <p><b>Recommended by NMPED</b></p>	<p><b>Identification of Essential Standards</b></p> <p><b>Suggested by APS</b></p>	
 <p><b>Engineering Design</b> HS-ETS1-1 HS-ETS1-2 HS-ETS1-3 HS-ETS1-4</p> <p><b>Structures and Properties of Matter</b> HS-PS1-1 HS-PS1-3 HS-PS1-8 HS-PS2-6 (repeat)</p> <p><b>Chemical Reactions</b> HS-PS1-2 HS-PS1-4 HS-PS1-5 HS-PS1-6 HS-PS1-7</p> <p><b>Energy (repeat)</b> HS-PS3-1 HS-PS3-2 HS-PS3-3 HS-PS3-4 HS-PS3-5</p> <p><b>Earth's Systems</b> HS-ESS2-4 (repeat) HS-ESS2-5 HS-ESS2-6</p> <p><b>Human Sustainability</b> HS-ESS3-2 HS-ESS3-5 HS-ESS3-6</p> <p><b>New Mexico Specific Standard</b> HS-SS-1</p>	<p>Structures and Properties of Matter HS-PS1-1, 3, 8, 6*</p>	<p>Essential</p>
	<p>Chemical Reactions HS-PS1-2,4,5,6,7</p>	<p>Essential</p>
	<p>Energy** HS-PS3-1,2,3,4,5</p>	<p>Essential</p>
	<p>HS-SS-1 (NM specific standard)</p>	<p>Very Important</p>
	<p>Earth's Systems HS-ESS2-4*, 5, 6</p>	<p>Very Important</p>
	<p>Engineering Design*** HS-ETS1-1,2,3,4</p>	<p>Important</p>
	<p>Human Sustainability HS-ESS3-2,5,6</p>	<p>Important</p>

\*HS-PS1-6 and HS-ESS2-4 can be taught in Biology and may be repeated in Chemistry.

\*\*Energy can be taught in either Chemistry or Physics, or split between the two classes.

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