

# Saskatchewan Science Curriculum Topics

	<b>Life science</b>	<b>Physical science</b>	<b>Earth and Space science</b>		
<b>K</b>	<ul style="list-style-type: none"> <li>• Living Things in Our Environment</li> </ul>	<ul style="list-style-type: none"> <li>• Observing Forces and Energy</li> <li>• Objects and Materials</li> </ul>	<ul style="list-style-type: none"> <li>• Exploring Our Natural Surroundings</li> </ul>		
<b>1</b>	<ul style="list-style-type: none"> <li>• Needs and Characteristics of Living Things</li> </ul>	<ul style="list-style-type: none"> <li>• Using Objects and Materials</li> <li>• Using Our Senses</li> </ul>	<ul style="list-style-type: none"> <li>• Daily and Seasonal Changes</li> </ul>		
<b>2</b>	<ul style="list-style-type: none"> <li>• Animal Growth and Changes</li> </ul>	<ul style="list-style-type: none"> <li>• Liquids and Solids</li> <li>• Motion and Relative Position</li> </ul>	<ul style="list-style-type: none"> <li>• Air and Water in the Environment</li> </ul>		
<b>3</b>	<ul style="list-style-type: none"> <li>• Plant Growth and Changes</li> </ul>	<ul style="list-style-type: none"> <li>• Structures and Materials</li> <li>• Magnetism and Static Electricity</li> </ul>	<ul style="list-style-type: none"> <li>• Exploring Soils</li> </ul>		
<b>4</b>	<ul style="list-style-type: none"> <li>• Habitats and Communities</li> </ul>	<ul style="list-style-type: none"> <li>• Light</li> <li>• Sound</li> </ul>	<ul style="list-style-type: none"> <li>• Rocks, Minerals, and Erosion</li> </ul>		
<b>5</b>	<ul style="list-style-type: none"> <li>• Human Body Systems</li> </ul>	<ul style="list-style-type: none"> <li>• Properties and Changes of Materials</li> <li>• Forces and Simple Machines</li> </ul>	<ul style="list-style-type: none"> <li>• Weather</li> </ul>		
<b>6</b>	<ul style="list-style-type: none"> <li>• Diversity of Living Things</li> </ul>	<ul style="list-style-type: none"> <li>• Understanding Electricity</li> <li>• Principles of Flight</li> </ul>	<ul style="list-style-type: none"> <li>• Our Solar System</li> </ul>		
<b>7</b>	<ul style="list-style-type: none"> <li>• Interactions within Ecosystems</li> </ul>	<ul style="list-style-type: none"> <li>• Mixtures and Solutions</li> <li>• Heat and Temperature</li> </ul>	<ul style="list-style-type: none"> <li>• Earth's Crust and Resources</li> </ul>		
<b>8</b>	<ul style="list-style-type: none"> <li>• Cells, Tissues, Organs, and Systems</li> </ul>	<ul style="list-style-type: none"> <li>• Optics and Vision</li> <li>• Forces, Fluids, and Density</li> </ul>	<ul style="list-style-type: none"> <li>• Water Systems on Earth</li> </ul>		
<b>9</b>	<ul style="list-style-type: none"> <li>• Reproduction and Human Development</li> </ul>	<ul style="list-style-type: none"> <li>• Atoms and Elements</li> <li>• Characteristics of Electricity</li> </ul>	<ul style="list-style-type: none"> <li>• Exploring our Universe</li> </ul>		
<b>10</b>	<ul style="list-style-type: none"> <li>• Climate and Ecosystem Dynamics</li> </ul>	<ul style="list-style-type: none"> <li>• Chemical Reactions</li> </ul>	<ul style="list-style-type: none"> <li>• Force and Motion in our World</li> </ul>		
<b>11</b>	<b>Health Science 20</b>	<b>Physical Science 20</b>	<b>Environmental Science 20</b>	<b>Computer Science 20</b>	
<b>12</b>	<b>Biology 30</b>	<b>Chemistry 30</b>	<b>Physics 30</b>	<b>Earth Science 30</b>	<b>Computer Science 30</b>

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The following courses are still in draft format as of April 2015.

11	Health Science 20	Physical Science 20	Environmental Science 20	Computer Science 20
	<ul style="list-style-type: none"> <li>• <i>Health Care Philosophies and Ethics</i></li> <li>• <i>Human Body</i></li> <li>• <i>Nutrition</i></li> <li>• <i>Diagnostics and Treatment</i></li> <li>• <i>Career Exploration</i></li> <li>• <i>Student-Directed Study</i></li> </ul>	<ul style="list-style-type: none"> <li>• <i>Career Exploration</i></li> <li>• <i>Student-Directed Study</i></li> <li>• <i>Heat</i></li> <li>• <i>Foundations of Chemistry</i></li> <li>• <i>Properties of Waves</i></li> </ul>	<ul style="list-style-type: none"> <li>• <i>Career Exploration</i></li> <li>• <i>Student-Directed Study</i></li> <li>• <i>The Nature of Environmental Science</i></li> <li>• <i>Atmosphere and Human Health</i></li> <li>• <i>Human Population and Pollution</i></li> <li>• <i>Aquatic Systems</i></li> <li>• <i>Terrestrial Ecosystems</i></li> </ul>	<ul style="list-style-type: none"> <li>•</li> </ul>

12	Biology 30	Chemistry 30	Physics 30	Earth Science 30	Computer Science 30
	<ul style="list-style-type: none"> <li>• <i>Student-Directed Study</i></li> <li>• <i>What is Life?</i></li> <li>• <i>Organization of Life</i></li> <li>• <i>Genetics and Biotechnology</i></li> </ul>	<ul style="list-style-type: none"> <li>• <i>Student-Directed Study</i></li> <li>• <i>Materials Science</i></li> <li>• <i>Chemical Equilibria</i></li> <li>• <i>Electrochemistry</i></li> </ul>	<ul style="list-style-type: none"> <li>• <i>Student-Directed Study</i></li> <li>• <i>Modern Physics</i></li> <li>• <i>Forces and Motion</i></li> <li>• <i>Conservation Laws</i></li> <li>• <i>Fields</i></li> </ul>	<ul style="list-style-type: none"> <li>• <i>Career Exploration</i></li> <li>• <i>Student-Directed Study</i></li> <li>• <i>Earth as a Planet</i></li> <li>• <i>Tools and Techniques of Earth Science</i></li> <li>• <i>Geologic Timescale</i></li> <li>• <i>Earth's Economic Resources</i></li> </ul>	<ul style="list-style-type: none"> <li>•</li> </ul>