

# Syrian Science Curriculum: Units & Topics by Grade

## Science Curriculum Units/Topics

Grade 6 Science: Parts 1 & 2	Grade 7 Biology & Physics- Chemistry	Grade 8 Biology & Physics- Chemistry	Grade 9 Biology & Physics- Chemistry
<ul style="list-style-type: none"> <li>• Relationships between living things</li> <li>• Food chain</li> <li>• Ecosystems</li> <li>• Human excretory system</li> <li>• Vertebrate excretory systems</li> <li>• Urinary system organs and diseases</li> <li>• Skin (protective barrier)</li> <li>• Sexual and asexual reproduction in plants</li> <li>• Agriculture</li> <li>• Reproduction in humans</li> <li>• Pregnancy and birth</li> <li>• Health and family planning</li> </ul>	<ul style="list-style-type: none"> <li>• The cell</li> <li>• Origin and development of living things</li> <li>• Life of plants</li> <li>• Health</li> </ul>	<ul style="list-style-type: none"> <li>• Plants</li> <li>• Animals</li> <li>• Origin and development of life:               <ul style="list-style-type: none"> <li>- Origin and development of life on Earth</li> <li>- Cell theory</li> <li>- Classes of nutrients</li> </ul> </li> <li>• Adaptation and behaviour</li> </ul>	<ul style="list-style-type: none"> <li>• Support and Coordination:               <ul style="list-style-type: none"> <li>- Musculoskeletal system</li> <li>- Nervous system</li> <li>- Endocrine system</li> <li>- Sense organs</li> </ul> </li> <li>• Health of support and coordination systems)</li> <li>• Human nutrition (organs and organ systems; health)</li> <li>• Heredity and reproduction</li> <li>• Plant reproduction</li> </ul>

<ul style="list-style-type: none"> <li>• Reproduction in vertebrates</li> <li>• Carbon and nitrogen cycles</li> </ul>			
<ul style="list-style-type: none"> <li>• Forces in nature</li> <li>• Inclined plane</li> <li>• Lever</li> <li>• Pulleys</li> <li>• Wheel and axle</li> <li>• Machines</li> </ul>	<ul style="list-style-type: none"> <li>• Motion and dynamics</li> <li>• Pressure and Archimedes' principle</li> </ul>	<ul style="list-style-type: none"> <li>• Movement and forces</li> <li>• Electricity</li> <li>• Light</li> </ul>	<ul style="list-style-type: none"> <li>• Electricity and magnetism</li> <li>• Mechanics and energy</li> <li>• Waves and vibrations</li> </ul>
<ul style="list-style-type: none"> <li>• Molecules</li> <li>• Law of conservation of matter</li> <li>• Astonishing phenomena</li> <li>• In motion and stationary</li> </ul>	<ul style="list-style-type: none"> <li>• Matter and heat</li> <li>• Matter and energy</li> </ul>	<ul style="list-style-type: none"> <li>• Structural Chemistry</li> </ul>	<ul style="list-style-type: none"> <li>• Inorganic chemistry</li> <li>• Organic chemistry</li> <li>• Nuclear chemistry</li> </ul>
<ul style="list-style-type: none"> <li>• Earthquakes</li> <li>• Tsunami</li> <li>• Space</li> <li>• Earth through time</li> </ul>	<p>Environment:</p> <ul style="list-style-type: none"> <li>• The basic organization of living things</li> <li>• Ecosystem</li> <li>• Environmental Balance</li> </ul>	<p>Origin and Development of Life:</p> <ul style="list-style-type: none"> <li>• Earth through time</li> <li>• Atmosphere</li> </ul>	<ul style="list-style-type: none"> <li>• Pollution</li> </ul>