



Science Curriculum Topics <sup>1</sup>				
Strands	Grade 6	Grade 7	Grade 8	Grade 9 (High school)
1. Earth and Universe	<ul style="list-style-type: none"> <li>The solar system and eclipse</li> </ul>	<ul style="list-style-type: none"> <li>The solar system and its beyond</li> </ul>	<ul style="list-style-type: none"> <li>Seasons and climate</li> </ul>	<b>Geography<sup>2</sup></b> <ul style="list-style-type: none"> <li>Natural systems</li> <li>Environment</li> </ul>
2. Living Things and Life	<ul style="list-style-type: none"> <li>Systems in our body</li> <li>Systems in our body and their health</li> </ul>	<ul style="list-style-type: none"> <li>Cells and Diffusions</li> <li>Reproduction, growth and development in living things</li> </ul>	<ul style="list-style-type: none"> <li>DNA and genetic code</li> </ul>	<b>Biology</b> <ul style="list-style-type: none"> <li>Life Science</li> <li>Cell</li> <li>The world of living things</li> </ul>
3. Physical Phenomena	<ul style="list-style-type: none"> <li>Force and motion</li> <li>Sound and its properties</li> <li>Electrical conduction</li> </ul>	<ul style="list-style-type: none"> <li>Force and energy</li> <li>Light and Matter Interaction</li> <li>Circuits</li> </ul>	<ul style="list-style-type: none"> <li>Pressure</li> <li>Simple machines</li> <li>Electrical energy and electric charges</li> </ul>	<b>Physics</b> <ul style="list-style-type: none"> <li>Introduction to Physics Science</li> <li>Matter and its properties</li> <li>Motion and force</li> <li>Energy</li> <li>Heat and temperature</li> <li>Electrostatics</li> </ul>
4. Matter and Its Nature	<ul style="list-style-type: none"> <li>Matter and heat</li> </ul>	<ul style="list-style-type: none"> <li>Pure substances and mixtures</li> </ul>	<ul style="list-style-type: none"> <li>Matter and Industry</li> </ul>	<b>Chemistry</b> <ul style="list-style-type: none"> <li>Chemistry science</li> <li>Atom and periodical system</li> <li>Interactions among chemical species</li> <li>States of matter</li> <li>Nature and chemistry</li> </ul>

<sup>1</sup> This table is adapted from Science (Gr. 3-8), Biology (Gr. 9-12), Chemistry (Gr. 9-12), Physics (Gr. 9-12), and Geography (Gr. 9-12) curricula of the Turkish Ministry of National Education (2023): <http://mufredat.meb.gov.tr/Programlar.aspx>

<sup>2</sup> Although Geography is a social subject, it includes some content of Earth Science (Geology) which are the follow-up topics of elementary