

Grade 8 Science Year Plan 2019 - 2020

Sept. 2- Oct. 31, 2019	Nov. 3, 2019 – Jan. 23, 2010	Feb. 2– Mar. 26, 2020	Apr. 5 – Jun. 11, 2020
<p>Module G – Earth and Human Activity</p> <p>Unit 1 – Earth’s natural hazards Lesson 1: Natural hazard Lesson 2: Natural hazard protection Lesson 3: Engineer it: Reducing the effects of natural hazards</p> <p>Unit 2 – Resources in Earth systems Lesson 1: Natural resources Lesson 2: The distribution of natural resources</p> <p>Unit 3 – Using resources Lesson 1: Human population and resources use Lesson 2: Resource use and Earth’s system</p>	<p>Module G – Earth and Human Activity</p> <p>Unit 4- Human impacts on Earth systems Lesson 1: Human impacts on the environment Lesson 2: Engineer it: Reducing human impacts on the environment Lesson 3: Climate change</p> <p>Module I – Energy and Energy Transfer</p> <p>Unit 1 – Energy Lesson 1: Introduction to energy Lesson 2: Kinetic and potential energy Lesson 3: Engineer it: Transforming potential energy</p> <p>Unit 2 – Energy transfer Lesson 1: Changes in energy</p>	<p>Module I – Energy and Energy Transfer</p> <p>Unit 2 – Energy transfer Lesson 2: Temperature and heat Lesson 3: Engineer it: Thermal energy transfer in systems</p> <p>Module L – Waves and Their Applications</p> <p>Unit 1 – Waves Lesson 1: Introduction to waves Lesson 2: The behavior of mechanical waves Lesson 3: Light waves Lesson 4: The behavior of light waves</p> <p>Unit 2 – Information transfer Lesson 1: Communication and waves Lesson 2: Analog and digital signals</p>	<p>Module L – Waves and Their Applications</p> <p>Unit 2 – Information transfer Lesson 3: Communication technology</p> <p>Module A – Engineering and Science</p> <p>Unit 1 – Introduction to engineering and Science Lesson 1: Engineering, science and society Lesson 2: Systems and system models Lesson 3: The engineering design process</p> <p>Unit 2 – The practices of engineering Lesson 1: Defining engineering problems Lesson 2: Developing and testing solutions Lesson 3: Optimizing solutions</p>
Global Citizenship	Global Citizenship	Global Citizenship	Global Citizenship

Mission Statement: Al-Bayan International School personalizes learning to achieve intellectual and individual growth of all students, empowering them to impact their community.