

Grade 9 Earth and Space Science Year Plan 2019-2020

August 28, 2018--November 1, 2018	November 4, 2018--January 17, 2019	January 20, 2019--March 21, 2019	March 24, 2019--June 3, 2019
<p>Unit 1: Intro to Earth and Space Science</p> <ul style="list-style-type: none"> 1- Studying Earth 2- Earth's Systems <p>Unit 2: Systems of Matter and Energy</p> <ul style="list-style-type: none"> 1- Earth's Energy 2- Minerals 3- The Rock cycle 4- Cycles and cycle models <p>Unit 3: Natural resources</p> <ul style="list-style-type: none"> 1- Designing solutions to resource problems. 2- Rock and mineral resources 3- Energy resources 	<p>Unit 4: Earth in the solar system</p> <ul style="list-style-type: none"> 1- Solar system formation 2- Gravity and orbits 3- Earth and the sun <p>Unit 5: Space</p> <ul style="list-style-type: none"> 1- Observing matter in space 2- Stars 3- The Universe 4- Evidence for the Big Bang <p>Unit 6: Plate tectonics/</p> <ul style="list-style-type: none"> 1- Earth's dynamic interior 2- Tectonic plates 3- Plates interactions 4- Natural hazards 	<p>Unit 7- Earth's changing surface</p> <ul style="list-style-type: none"> 1- Surface processes 2- Earth's surface 3- Development of Features <p>Unit 8- Earth's water</p> <ul style="list-style-type: none"> 1- Properties of water 2- Water resources <p>Unit 9: The atmosphere</p> <ul style="list-style-type: none"> 1- The atmosphere 2- Weather prediction and modeling 3- Climate and climate change 	<p>Unit 10- History of Earth</p> <ul style="list-style-type: none"> 1- The rock and fossil records 2- Geologic time 3- Earth: Past, present, future. <p>Unit 11: Human Activity and Earth</p> <ul style="list-style-type: none"> 1- Geographical influences of human activities 2- Sustainability of human activities
<p>Global Citizenship</p> <p>Renewable vs Non-renewable energy.</p>	<p>Global Citizenship</p> <p>Importance of space exploration</p>	<p>Global Citizenship</p> <p>Water shortages</p>	<p>Global Citizenship</p> <p>Our responsibility as Global citizens</p>

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