**Unit 1**

**Earth Science: Atmosphere and Weather**

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| Standard 7.E.1 | Academic Vocabulary |
| **7.E.1.1 -Composition of atmosphere**   * I can compare the composition, properties and structure of Earth’s atmosphere. * I can describe the mixtures of gases in the atmosphere. * I can compare the differences in temperature and pressure within layers.   **7.E.1.2 -Global winds/Coriolis Effect**   * I can explain how water cycles in and out of the atmosphere. * I can describe how atmospheric conditions affect weather patterns on earth.   **7.E.1.3 -Air Quality**   * I can explain the relationship between the movement of weather systems.   **7.E.1.4 -Water Cycle /Clouds**   * I can predict weather conditions and patterns based on information gathered from specific data.   **7.E.1.5 -Weather Patterns**   * I can explain the effect of convection, global winds and the jet stream on weather and climate.   **7.E.1.6  -Weather Forecasting**   * I can conclude that the good health of humans requires an individual effort to be good stewards. | Atmosphere  Troposphere  Stratosphere  Mesosphere  Thermosphere  Air Pressure  Radiation  Conduction  Convection  Greenhouse Effect  Global Warming  Cumulus  Stratus  Stratocumulus  Altocumulus  Nimbostratus  Altostratus  Cirrus  Cirrocumulus  Cirrostratus  Cumulonimbus  Wind  Coriolis Effect  Polar Easterlies  Westerlies  Trade Winds  Doldrums  Horse Latitudes  Jet Stream  Local Winds  Primary Pollutants  Secondary Pollutants  Point Source Pollutants  Nonpoint Source Pollutants  Acid Precipitation |
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