**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.
 | AtmosphereTroposphereStratosphereMesosphereThermosphereAir PressureRadiationConductionConvectionGreenhouse EffectGlobal WarmingCumulusStratusStratocumulusAltocumulus Nimbostratus AltostratusCirrusCirrocumulusCirrostratusCumulonimbusWindCoriolis EffectPolar EasterliesWesterliesTrade WindsDoldrumsHorse LatitudesJet StreamLocal Winds Primary PollutantsSecondary PollutantsPoint Source PollutantsNonpoint Source PollutantsAcid Precipitation |
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