o2018 Fall Pacing

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| Date | Topic | Date | Topic |
| August 27 | **1st day - Safety** | 4th | **Greenhouse Effect CHANGES** |
| 28 | **Procedures/ Density Introductions** | 5th | **Natural Causes** |
| 29 | **Density and Scientific Method - Stations** | 8th | **Effects/ Climographs** |
| 30 | **Pre-Assessment & Skits** | 9th | **Review with Maps & Card Sorts** |
| 31 | **Unit 1 - Astronomy Start - Kepler’s Laws** | 10th | End 6 Weeks - Unit 3 Test |
| Sept 3rd | Labor Day | 11th | Early Release Day - Recap |
| 4th | **Beginning of the Universe** | 12th | Teacher Work Day |
| 5th | **Solar Radiation/Fusion vs. Fission** | 15th | **Unit 4 - Lithosphere/Plate Tectonics (L.O.E)** |
| 6th | **Rotation** | 16th | **Mantle Convection/ Rock Cycle** |
| 7th | **Precession/Nutation** | 17th | **Rock Cycle Activity** |
| 10th | **Tides** | 18th | **Continental Drift Theory** |
| 11th | **Barycenter/Revolution/Seasons** | 19th | **Convergent Boundaries - Volcanoes** |
| 12th | **Vocabulary & Review** | 22nd | **Divergent - Rift Valleys** |
| 13th | **Unit 1 Test/ Pre-Assessment/ Article** | 23rd | **Transform, Fault Lines & EQs** |
| 14th | **Test Recap** | 24th | **Day 2 - EQs** |
| 17th | **Unit 2 - Meteorology and Atmosphere** | 25th | **EQs and Review** |
| 18th | **Layers of the Atmosphere/ Greenhouse Effect** | 26th | Unit 4 Test |
| 19th | **Differential Heating/Humidity** | 29th | **Recap** |
| 20th | **Density of Air/ Pressure Systems** | 30th | Unit 5 - Geological Processes - **Soil** |
| 21st | **Air Masses** | 31st | **Chemical vs. Physical Lab** |
| 24th | **Air Fronts** | Nov 1 | **Soil Formation - Weathering** |
| 25th | **Severe Weather - Thunderstorms & Tornadoes** | 2nd | **Review Lab/ Practice MC** |
| 26th | **Severe Weather - Hurricanes** | 5th | **Erosion/ Deposition** |
| 27th | **Review - Vocabulary/Card Sort** | 6th | **Mass Movements** |
| 28th | Unit 2 Test | 7th | **Early Release Day - Review/ Vocabulary** |
| Oct 1st | Test Recap | 8th | Unit 5 Test |
| Oct 2nd | Unit 3 (Old 9) - Climatology **- Weather vs. Climate** | 9th | **Recap** |
| 3rd | **Factors of Climate** | 12th | Veteran’s Day |

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| Date | Topic | Date | Topic |
| Nov 13th | Unit 6 - Hydrology - **Water Cycle** | 21st- Jan 1st | Vacation |
| 14th | **Ground Water/ Water Usage** | 2nd | Recap/Unit 9 - Biology - **Biomes** |
| 15th | **Water Porosity & Permeability** | 3rd | **Organism Types/ Pyramids** |
| 16th | **Water Pollutants (Point and Non-Point)** | 4th | **Chains and Webs** |
| 19th | End of 6 weeks - **PlayPoSit** | 7th | **Invasive Species/ Impacts on Biodiversity** |
| 20th | **Macroinvertebrates/ Stream Sampling Activity** | 8th | **Biodiversity Lab** |
| 21st-23rd | Thanksgiving | 9th | **Lab Recap/ Vocabulary/ Review** |
| 26th | **Rivers, Basins and Watersheds** | 10th | Unit 9 Quiz |
| 27th | **Density of Water** | 11th | Review |
| 28th | **Water Movement/Flooding** | 14th | Exams |
| 29th | **Water Impact on Weather & Climate** | 15th | Exams |
| 30th | **Short Answer Questions/ Review** | 16th | Exams |
| Dec 3rd | Unit 6 Test | 17th | Exams |
| 4th | Recap | 18th | Exams |
| 5th | Unit 7 - Energy Resources - **NR vs. R** |  |  |
| 6th | **Non- Renewable** |  |  |
| 7th | **Hydropower & Geothermal (Pros/Cons)** |  |  |
| 10th | Start NCFE Review/  **Hydrogen Fuel Cell & Biomass** |  |  |
| 11th | **Foldable & Short Answer Questions** |  |  |
| 12th | Unit 7 Test |  |  |
| 13th | Test Recap/Unit 8 - Sustainability - **Land Use** |  |  |
| 14th | **Recap Soil Stability/Traditional vs. Sustainable Farming** |  |  |
| 17th | **Urbanization/ Heat Islands** |  |  |
| 18th | **Acid Rain/ Air Pollution** |  |  |
| 19th | **Benefits vs. Consequences Recap** |  |  |
| 20th | Early Release Day - Unit 8 Test |  |  |