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| **Weekly learning target:**  **6th Grade Earth Science**  **Warm Ups Week \_\_\_\_\_\_** | | | | |
| **Monday** | **Tuesday** | **Wednesday** | **Thursday** | **Friday** |
| MLK JR DAY | Achieve 3000 | Name a difference between spring and neap tides. | CHAPTER 11 TEST- STUDY | In general, tides occur…   1. Each hour 2. Twice a day 3. Each month 4. Twice a month |
| MLK JR DAY | Achieve 3000 | Name a similarity between spring and neap tides. | CHAPTER 11 TEST- STUDY | Neap tides happen during \_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_ moons.   1. Full/new 2. 1st quarter/3rd quarter 3. Full/1st quarter 4. New/3rd quarter |
| MLK JR DAY | Achieve 3000 | A[n] \_\_\_\_\_\_\_\_\_\_\_\_\_\_ tide occurs when the sun is at right angles to the line between Earth and the moon. | CHAPTER 11 TEST- STUDY | What is the atmosphere? |
| MLK JR DAY | Achieve 3000 | Differences in the moon's and sun's pull on different sides of the Earth cause \_\_\_\_\_\_\_\_\_.   1. Moon phases 2. Gravity 3. Tides 4. The water cycle | CHAPTER 11 TEST- STUDY | What layer of the atmosphere do we live in? |
| MLK JR DAY | Achieve 3000 | A[n] \_\_\_\_\_\_\_\_\_\_\_ tide occurs when the sun, Earth, and the moon are in a straight line. | CHAPTER 11 TEST- STUDY | What is the most common gas in the atmosphere? |
| **Weekly Learning Target:** | | | | |
| **Monday** | **Tuesday** | **Wednesday** | **Thursday** | **Friday** |
| List the layers of the atmosphere in order—closest to us to farthest away. | Which of these can be associated with the following words: conduction, convection, radiation?   1. Ultraviolet 2. Radiation 3. Heat 4. Thermosphere | What is a pollutant? | How would the amount of carbon dioxide in the air change if there were no plants? | What two layers in the thermosphere divided into? |
| Rain, snow, and storms occur in which layer of the atmosphere? | Which of the following is an example of conduction?   1. Sun shining on a metal chair 2. Fire heating a room 3. A metal pan burning a hand 4. Hair dryer drying hair | Name an example of a pollutant. | In the troposphere, as altitude increases…   1. Air pressure decreases 2. Temperature decreases 3. Air density decreases 4. All of the above |
| Name a reason the Earth’s atmosphere is important. | Which of the following causes cold air to move from the land to the water?   1. Sea breeze 2. Coriolis Effect 3. Land breeze 4. Trade winds | What is a barometer? | Which level of the atmosphere blends into outer space? | The layers of the atmosphere are classified according to changes in   1. Altitude 2. Temperature 3. Air pressure 4. Pollutants |
| Name a reason the Earth’s atmosphere is important. | What is heat transfer through space called? | Name two types of barometers. | Which is the second layer of the atmosphere and contains the ozone layer? | Energy from the sun travels to Earth’s surface by   1. Radiation 2. Convection 3. Evaporation 4. Conduction |
| Name a reason the Earth’s atmosphere is important. | How is heat transferred within the troposphere? | What is altitude? | Which layer of the atmosphere is in the middle and protects Earth from being hit by meteroroids? | True or false? If false, change the underlined word to make it true.  **Earth’s weather occurs in the thermosphere.** |