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| **Weekly learning target:**  **6th Grade Earth Science**  **Warm Ups Week \_\_\_\_\_\_** | | | | |
| **Monday** | **Tuesday** | **Wednesday** | **Thursday** | **Friday** |
| Temperature changes along the coast are usually less extreme than temperature changes farther inland. Which of the following statements best explains why?   1. It is much windier at the coast than farther inland 2. The temperature of the land remains fairly constant 3. It is much less humid at the coast than farther inland 4. The temperature of the ocean remains fairly constant | ACHIEVE 3000 | Convection currents, resulting from uneven heating of the Earth's surface, cause\_\_\_\_\_\_\_ to form.   1. Winds 2. Fossils 3. Mountains 4. Volcanoes | QBA #3 | What is the source of the moon’s light?   1. The Earth 2. The Sun 3. The Moon 4. The Stars |
| ACHIEVE 3000 | High pressure is associated with what type of weather?   1. Cloudy weather 2. Cold weather 3. Warm weather 4. Fair/good weather | QBA #3 | About how long does it take for the moon to go from one new moon to the next new moon?   1. 15 days 2. 30 days 3. 45 days 4. 60 days |
| Cold fronts bring what type of weather?   1. Warm temps, clear, sunny skies 2. Cool temps, clear skies 3. Warm temps, clouds 4. Cool temps, clouds, precipitation | ACHIEVE 3000 | Which of the following statements best describes the climate of an area rather than its weather conditions?   1. The summers are hot and humid 2. The temperature at noon was 86°F. 3. Total rainfall on April 9 was two inches. 4. Strong winds are expected tomorrow evening. | QBA #3 | Which of these phases comes right before a full moon?   1. New moon 2. Third quarter moon 3. Waxing gibbous 4. Waning gibbous |
| Where does the initial source of energy come from that creates winds and thus surface currents? | ACHIEVE 3000 | QBA #3 | How much of the lit side of the moon is visible during a full moon?   1. None of it 2. Most of it 3. Half of it 4. All of it |
| In the figure on the board, which number is the correct symbol for a stationary front? | ACHIEVE 3000 | What is the source for global winds and convection in the atmosphere?   1. Unequal heating of the Earth by the sun 2. The rotation of Earth 3. The Moon’s gravity 4. Continental drift | QBA #3 | The movement of Earth around the sun once a year is called Earth’s   1. Inertia 2. Rotation 3. Revolution 4. Axis |
| **Weekly Learning Target:** | | | | |
| **Monday** | **Tuesday** | **Wednesday** | **Thursday** | **Friday** |
| The tendency of an object to resist a change in motion is called   1. Gravity 2. Inertia 3. Force 4. The law of universal gravitation | What phase of the moon is shown in the picture on the board?   1. Full moon 2. New moon 3. Quarter moon 4. Crescent moon | Ch. 15 Earth, Moon, and Sun test | What do you (K)now, (W)ant to know, and something you (L)earned yesterday while completing your study guide?  K-  W-  L- | What is a geocentric system? |
| When Earth’s shadow falls on the moon, the shadow causes a   1. New moon 2. Solar eclipse 3. Full moon 4. Lunar eclipse | A student from Atlanta notices that there are fewer hours of sunlight during the winter than in the summer.  Which statement best explains the difference in the amount of sunlight?   1. Earth is not tilted on its axis during the winter. 2. Earth is farther away from the Sun during the winter. 3. Earth's Northern Hemisphere tilts away from the Sun during the winter. | Ch. 15 Earth, Moon, and Sun test | What is a heliocentric system? |
| The craters on the moon were caused by   1. Tides 2. Volcanoes 3. Meteoroids 4. Maria | Ch. 15 Earth, Moon, and Sun test | What objects make up the solar system? |
| A device that expels gas in one direction to move in the opposite direction is a   1. Rocket 2. Space probe 3. Space station 4. Rover | True or false? If false, change the underlined word.  The force that attracts all objects toward each other is called inertia. | Ch. 15 Earth, Moon, and Sun test | What are the planets in order of increasing distance from the sun? |
| What force must be overcome to launch a rocket into space?   1. Thrust 2. Orbital velocity 3. Gravity 4. Escape velocity | True or false? If false, change the underlined word.  A large artificial satellite on which people can live for long periods is called a space station. | Ch. 15 Earth, Moon, and Sun test |