

Playlist 9/29-10/3

Assignment due dates for each assignment will be listed in Google Classroom.

Learning Targets

Standard(s) 7.ESS.5: The relative positions of Earth and the sun cause patterns we call seasons

I will be able to:

- Explain that the Earth's axis is tilted at an angle of 23.5° .
- Differentiate between a rotation and revolution.
- Explain how the tilt along with Earth's revolution around the sun, affects the amount of direct sunlight that the earth receives in a single day and throughout the year.
- Explain that the average daily temperature is related to the amount of direct sunlight received.

Vocabulary:

1. Axis – an imaginary line around which an object rotates.
 - a. Earth's axis runs from the North Pole to the South Pole.
2. Rotation-the spinning of a body, such as a planet on its axis.
3. Day-the time it takes for one full rotation on its axis
4. Revolution-the motion of a body that travels around another body in space.
5. Year-when Earth makes one full revolution around the sun in 365 days.
6. Season- a pattern of temperature and other weather trends
7. Equinox –sunlight shines equally on the Northern and Southern Hemispheres.
8. Northern Hemisphere – the part of Earth located north of the equator.
9. Southern Hemisphere – the part of Earth located south of the equator.
 - i. On the equinoxes, neither the Northern *Hemisphere* nor the Southern Hemisphere is tilted toward or away from the Sun.
 - ii. In the Northern Hemisphere, the spring equinox occurs around March 21, and the fall equinox occurs around September 22.
10. Solstice-the area of sunlight is at a maximum in one hemisphere and a minimum in the other hemisphere.
11. Summer solstice – the longest day of the year. In the Northern Hemisphere, the summer solstice occurs around June 21. In the Southern Hemisphere, the summer solstice occurs around December 21.
12. Winter solstice – the shortest day of the year. In the Northern Hemisphere, the winter solstice occurs around December 21. In the Southern Hemisphere, the winter solstice occurs around June 21.
13. Latitude – a location's distance north or south of the equator.
14. Longitude- a location's distance east or west of the prime meridian

<u>Day of Week</u>	<u>In Class Task</u>	<u>Outside of Class Task</u>
<u>Monday</u>	<p>Bellwork question--please write down the question and answer in your brown notebook.</p> <ul style="list-style-type: none"> ● Review vocabulary words in peach notebook ● Tuesday work setup! 	
<u>Tuesday</u>	<p>Bellwork question--please write down the question and answer in your brown notebook.</p> <ul style="list-style-type: none"> ● Pg 289 Engage Your Brain #1 & 3 ● Read pg 290-293 <ul style="list-style-type: none"> ○ Vocabulary activity and notes as you go ● Complete the Apply section #8-#10 ● READING COMPREHENSION QUIZ--in class 	
<u>Wednesday</u>	<p>Bellwork question--please write down the question and answer in your brown notebook.</p> <ul style="list-style-type: none"> ● Read pg 294-295 <ul style="list-style-type: none"> ○ Vocabulary activity and notes as you go ○ Complete the Apply section #11-13 ○ Complete the Visual Summary pg 296 #14-17 ○ Begin Lesson Review pg 297 #1-4, 7 	
<u>Thursday</u>	<p>Bellwork question--please write down the question and answer in your brown notebook.</p> <ul style="list-style-type: none"> ● Take aways from the reading passage ● Online Ed Book: Seasons Part 2 & 3 	
<u>Friday</u>	<p>Bellwork question--please write down the question and answer in your brown notebook.</p> <ul style="list-style-type: none"> ● Online Ed Book: Seasons Part 2 & 3 	