

Name: _____ Date _____ Period _____

THE TILTED EARTH

Activity 1 – Seasons Cut and Paste

Glue to pieces that were cut out in the correct spot. Then Use the article to correctly fill in the blanks.

Southern Hemisphere



Sun is _____ in the sky (closer to the horizon). Rays strike the ground directly with _____ concentrations of energy

- Season: _____
- Temperature is relatively _____ because the Earth's Southern Hemisphere is tilted _____ from the Sun, causing the Sun's rays to indirectly strike the surface.
- _____ are short and _____ are long

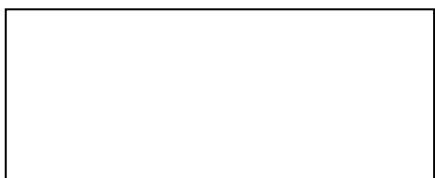
Northern Hemisphere



Sun is _____ overhead. Rays strike the ground more directly with _____ concentrations of _____

- Season: _____
- Temperature is relatively _____ because the Earth's Northern Hemisphere is tilted _____ the Sun, causing the Sun's rays to _____ strike the surface.
- _____ are short and _____ are long

Southern Hemisphere



Sun is at the same overhead angle in _____ hemispheres therefore, rays strike the ground _____ in both locations resulting in both hemispheres receiving equal amounts of _____

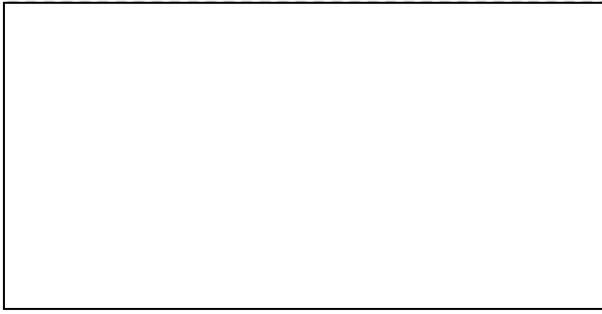
- Season: _____
- Temperature is relatively _____ because neither hemisphere is _____ toward the Sun.
- The length of day is _____ to the length of _____.

Northern Hemisphere



Sun is at the same overhead angle in _____ hemispheres therefore, rays strike the ground _____ in both locations resulting in both hemispheres receiving equal amounts of _____

- Season: _____
- Temperature is relatively _____ because neither hemisphere is _____ toward the Sun.
- The length of day is _____ to the length of _____.



December Solstice

North Pole is pointed _____ from the Sun.
South Pole is pointed _____ the Sun.



June Solstice

North Pole is pointed _____ the Sun.
South Pole is pointed _____ from the Sun.

Activity 2 – Seasons Video

1. Earth's _____ affect everything on Earth.
2. We have seasons because the Earth is _____.
3. When the Earth is tilted toward the sun, it is _____.
4. When the Earth is tilted away from the sun, it is _____.
5. We can tell the Earth is spinning by starting a _____ swinging and have it knock over nails in a circle around it.
6. What time of year do the fish eggs hatch?
7. In the southern hemisphere, August is _____.
8. A year is _____ and _____ long.
9. The Earth is spinning around an imaginary line called the _____.
10. The Earth is _____ like a ball.
11. What do June 21st and December 21st have in common?
12. When are days and nights the same length all over the world?
13. What familiar planet has seasons caused by the planet's axis being tilted?
14. Winter in Japan is _____ in Australia.
15. In the _____ things start to bloom.