Name _____ **Date** _____ **Block** _____

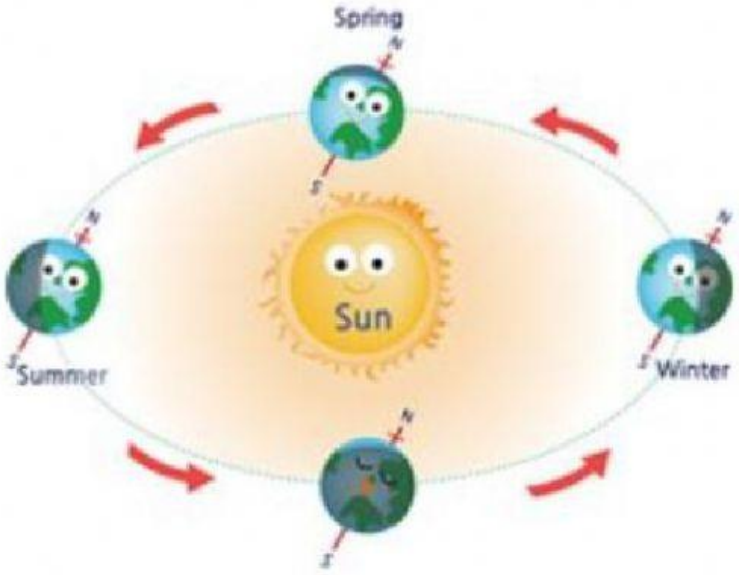
Homework – October 20, 2021 - RI 4.3_3 Scientific Text RI 4.5 Text Structure

The Four Seasons

Do you have a favorite season? Is it summer, fall, winter, or spring? Seasons last about 3 months, and temperatures vary during each season. Summer is the warmest season and winter is the coldest. Temperatures during spring and fall lie in the middle. During each season, there are different things happening on the Earth. In the summer, the hot weather means people spend time outside at the pool or the beach. Many crops are harvested near the end of summer before the weather gets too cold. In the fall, or autumn, leaves change color and fall off the trees. In winter, it snows in many places. Snow falls because the air is so cold that rain freezes as it falls to the Earth. Some animals, like bears, find nice warm, cozy shelters to hibernate in the winter. Other animals, like birds, might migrate to warmer climates. In the spring, many baby animals are born, plants come back to life, and new plants and crops are planted.

What Causes the Seasons?

Seasons are caused by the position of the Earth compared to the Sun. The Earth travels, or orbits, around the Sun. The Earth's trip around the Sun takes one year, or 365 days. The Earth is tilted slightly away from the Sun, so as it orbits the Sun the amount of sunlight each place gets everyday changes somewhat. The earth is divided into north and south by the **equator**, or an imaginary line that runs around the middle of the Earth. When the northern part of the Earth above the equator, or the Northern Hemisphere, is tilted away from the Sun it makes the Earth cooler. This makes it winter. While this happens in the north, the Southern Hemisphere is tilted towards the Sun, making it warmer, and therefore, summer. This means that the seasons in the Northern Hemisphere, north of the equator, are opposite of the seasons in the Southern Hemisphere. When it is winter in the United States, it is summer in Argentina.



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Length of a Day

Winter officially begins in the Northern Hemisphere on December 21st. This is the shortest day of year in the north, as the Earth is titled away from the Sun, and gets the least amount of sunlight on that day. Summer begins on June 21st, the longest day of the year. On this day, the Earth is tilted towards the Sun, and gets the most sunlight and energy making for longer, warmer days.

1. **How is the section titled "What Causes the Season?" organized?**

a. Compare and Contrast

b. Sequential Order

c. Problem and Solution

d. Cause and Effect

2. **According to the text, what causes the seasons?**

a. Seasons are cause by the equator.

b. Seasons are caused by the northern and southern hemispheres.

c. Seasons are caused by the position of the Earth compared to the Sun.

d. Seasons are caused by longer days during the summer.

3. **Which context clue provides the definition of equator?**

a. earth is divided into north and south

b. When it is winter in the United States, it is summer in Argentina.

c. an imaginary line that runs around the middle of the Earth

d. Seasons are caused by the position of the Earth compared to the Sun

4. **According to the text, what happens when the Northern Hemisphere tilts away from the Sun?**

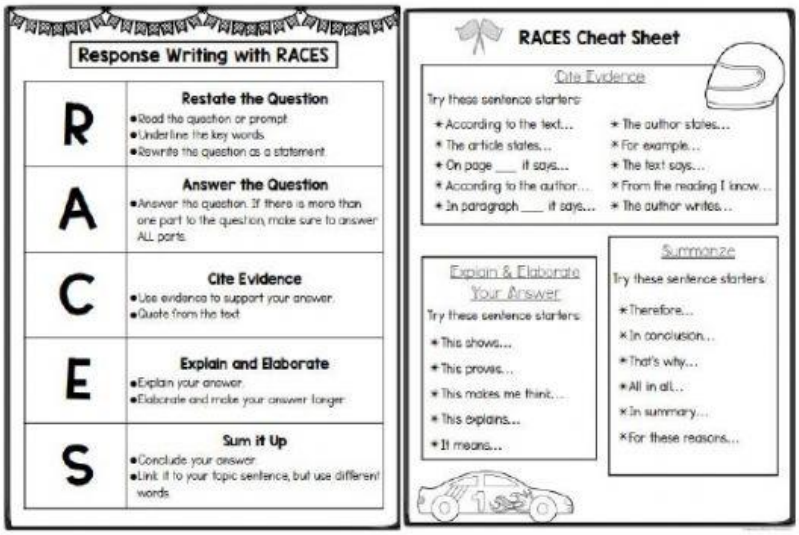
a. The Northern Hemisphere has longer days, while the Southern Hemisphere has shorter days.

b. The earth gets divided in the middle by an imaginary line, called the Equator, into North and South Hemisphere.

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c. The Northern Hemisphere always has the opposite season than that in the Southern Hemisphere.

d. The Northern Hemisphere experiences winter, while the Southern Hemisphere experiences summer.



Response Writing with RACES

R	**Restate the Question** • Read the question or prompt • Underline the key words • Rewrite the question as a statement
A	**Answer the Question** • Answer the question. If there is more than one part to the question, make sure to answer ALL parts.
C	**Cite Evidence** • Use evidence to support your answer. • Quote from the text.
E	**Explain and Elaborate** • Explain your answer. • Elaborate and make your answer longer.
S	**Sum it Up** • Conclude your answer. • Link it to your topic sentence, but use different words.

RACES Cheat Sheet

Cite Evidence

Try these sentence starters:

- According to the text...
- The article states...
- On page ___ it says...
- According to the author...
- In paragraph ___ it says...
- The author states...
- For example...
- The text says...
- From the reading I know...
- The author writes...

Explain & Elaborate Your Answer

Try these sentence starters:

- This shows...
- This proves...
- This makes me think...
- This explains...
- It means...

Summarize

Try these sentence starters:

- Therefore...
- In conclusion...
- That's why...
- All in all...
- In summary...
- For these reasons...

5. According to the text, why is December 21st the shortest day of the year in the Northern Hemisphere?

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