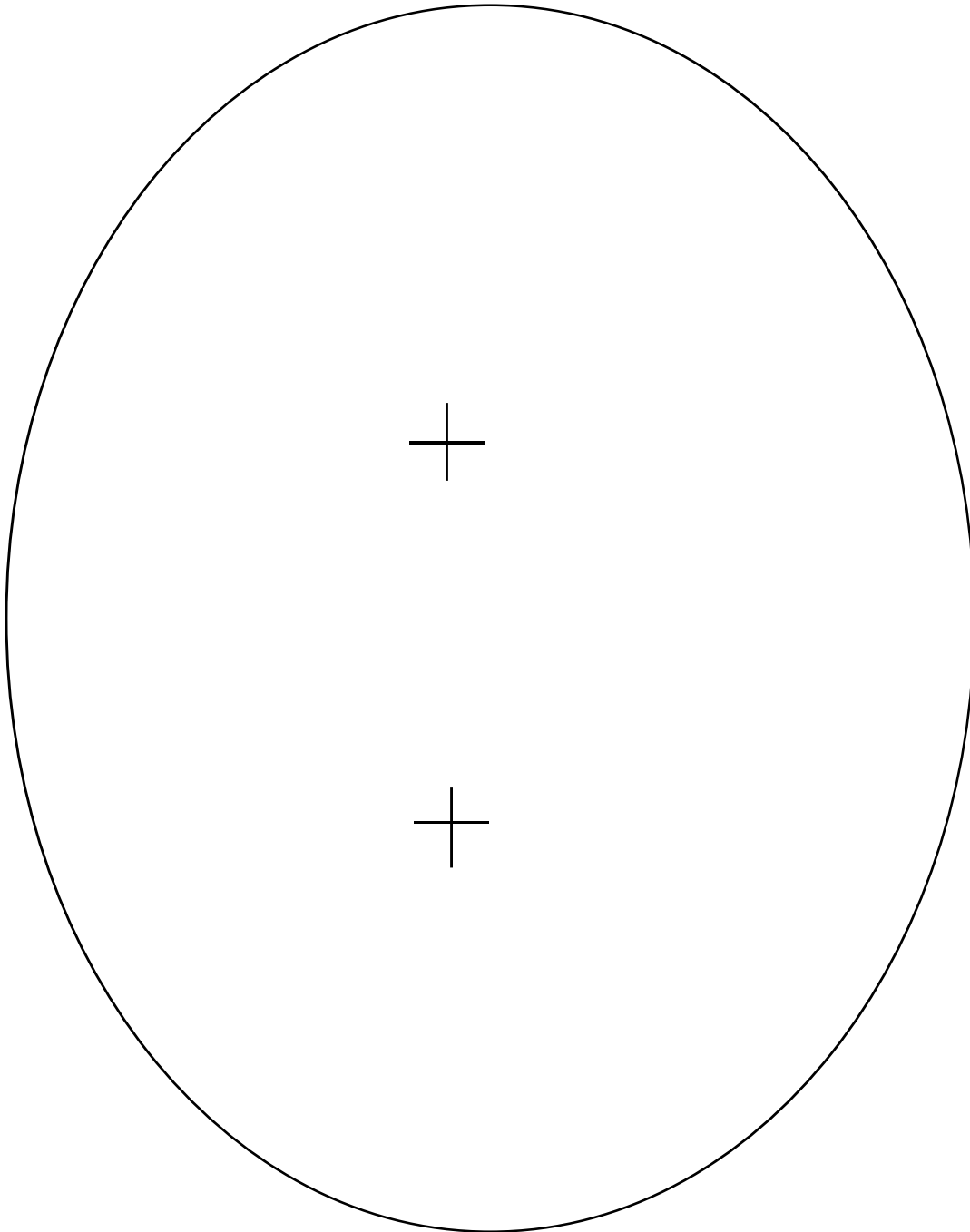


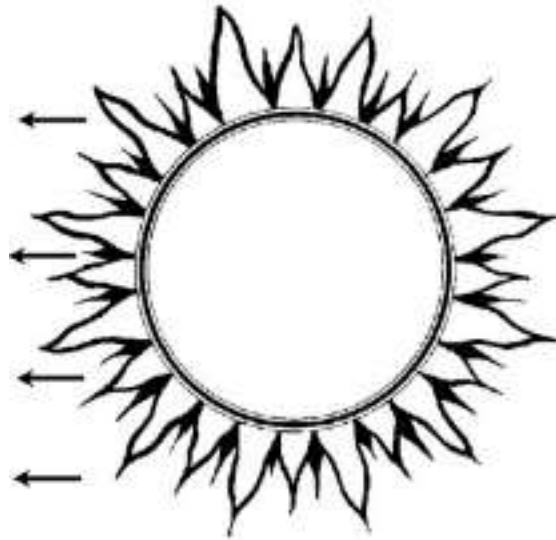
What Season Is This?

Name _____ Class _____

Turn the paper sideways while gluing.



Cut out the sketches and paste on the front page.



Cut out the labels and paste at the appropriate place on the first page.

SUMMER

WINTER

SPRING

FALL

DECEMBER 22

MARCH 21

SEPTEMBER 22

JUNE 21

SUMMARY QUESTIONS:

1. List the three causes of seasons on Earth.
 - a)
 - b)
 - c)
2. How does the tilt of the earth contribute to the occurrence of the seasons?
3. How does the parallelism of the Earth's axis contribute to the occurrence of the seasons?
4. How does the revolution of the Earth around the Sun contribute to the occurrence of the seasons?
5. What happens in the Northern Hemisphere on June 21?
Where is the Tropic of Cancer? Why?
Where is the Arctic Circle? Why?
Where is daylight constant on June 21?
What happens to the daylight period in the Northern Hemisphere after June 21?
Why?
6. What happens in the Northern Hemisphere on December 22?
Where is the Tropic of Capricorn? Why?
Where on Earth is daylight constant on December 22?
What happens to the daylight period in the Northern Hemisphere after December 22? Why?
7. Why are daylight and nighttime of equal length on an **equinox**?
Give the names and dates of the equinoxes.
Where is the sun straight overhead at an equinox?
Describe what happens at the North Pole and the South Pole at each equinox.
8. What evidence is there that distance from the sun is not a cause of seasons?
9. How does the path of the sun across the sky differ on the first day of summer from the first day of winter?
10. You should have pasted the Sun on one of the plus marks (foci) in the middle of Earth's orbit. What is located at the other plus sign? (And it's not the Moon!)