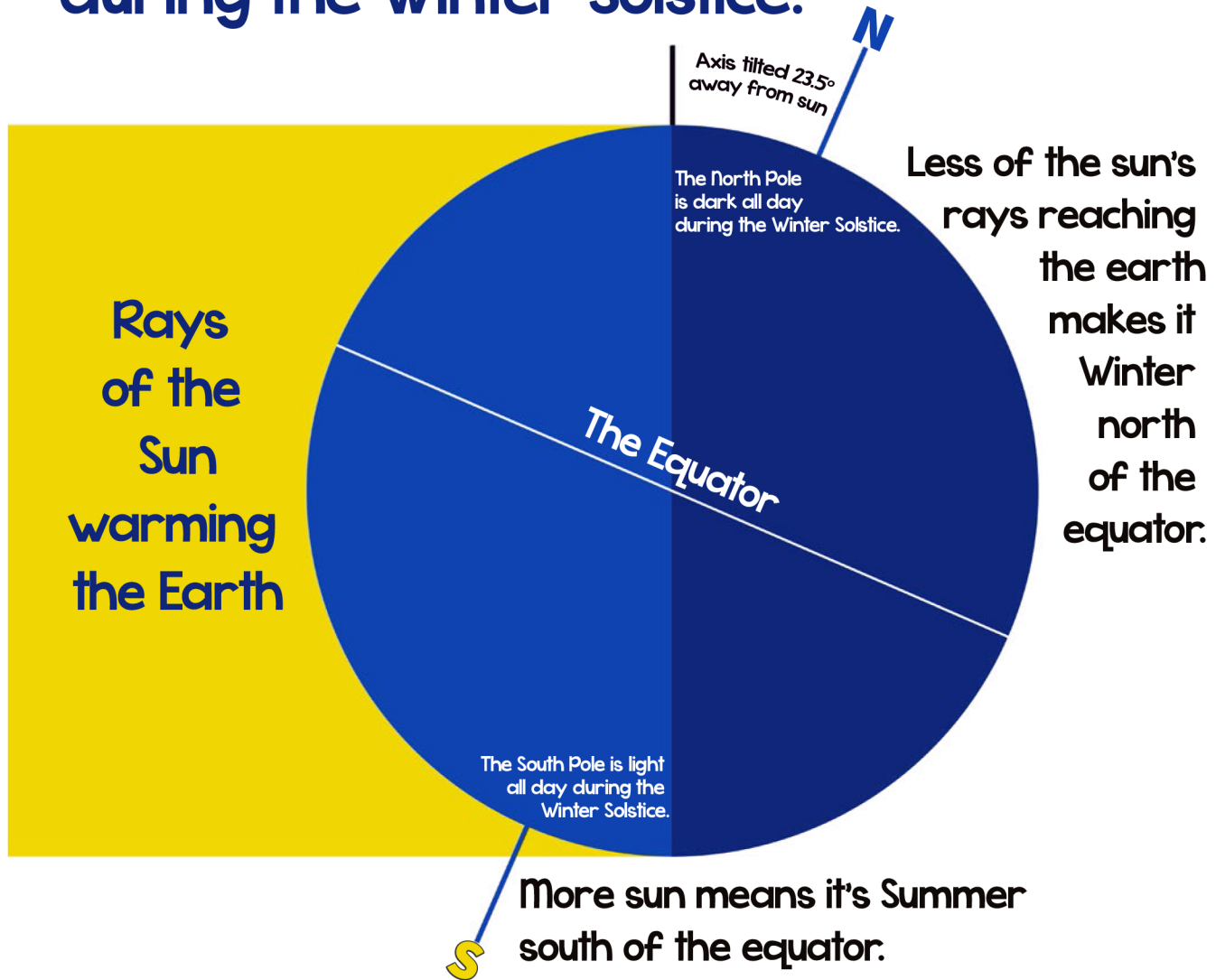


# The North Axis of the Earth is tilted away from the sun during the Winter Solstice.



The solstice happens when one of the Earth's poles has its maximum tilt away from the Sun. It happens twice a year, once in each hemisphere.

When the North Pole tilts away from the sun, daylight in the Northern Hemisphere get shorter. In 2018, the North Pole is at its furthest from the sun on December 21. We call that day the Winter Solstice. The Winter Solstice is the shortest daylight of the year in the Northern Hemisphere and the first day of winter.

In the Southern Hemisphere December 21 is the longest day of 2018 and the first day of summer because, as the North Pole tilts away from the Sun, the South Pole is tilted towards the Sun.