

A diagram showing the Sun as a large yellow star in the center. Four Earths are shown in a circular orbit around it, connected by a dashed line with arrows indicating the direction of travel. Each Earth is tilted on its axis. The background is a dark blue space filled with white stars.

# Earth and the Sun

Which of the following lines runs around the Earth horizontally and divides the Northern Hemisphere from the Southern Hemisphere?

In which latitude zone can you find the hottest and sunniest climates?

How does the Earth's latitude affect the climate in a specific region?

Which latitude zone experiences the most significant temperature variations between summer and winter?

In which latitude zone would you find the polar ice caps and extremely cold climates?