



Dear Educator,

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The “Climate” unit offers [12 pages](#).

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Climate





CLIMATE


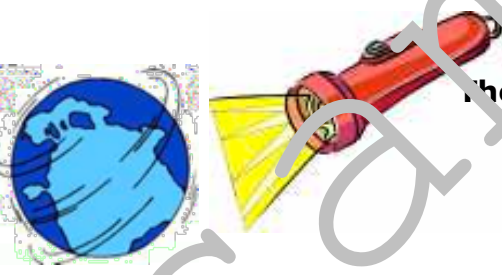

The Earth tilts as it travels around the sun.

There are eight planets that revolve around the sun. Mercury and Venus are the two planets closest to the sun. They are very, very hot because they are so near the sun.

Neptune is the planet farthest from the sun. It is very cold because it is so far from the sun.

The sun stays in one place in our solar system. The Earth is the third planet from the sun. Our Earth turns around, or rotates as it revolves around the sun.

The Earth is tilted as it moves around the sun. The rays from the sun strike the Earth at different angles. The less slanted the rays are the more they heat the Earth.

	<p>The top half of the Earth, called the northern hemisphere is receiving most of the light.</p>
	<p>The bottom half of the Earth, called the southern hemisphere is receiving most of the light.</p>
<p>The middle of the Earth, called the equator has very little seasonal changes.</p>	



CLIMATE

Climatologists divide the Earth into many different climate regions. The four main regions are the: tropical, subtropical, mid-latitude, and high-latitude.

The tropical climate region is located around the Equator. It has hot temperatures all year because the rays of the sun strike this area almost straight down all year long.

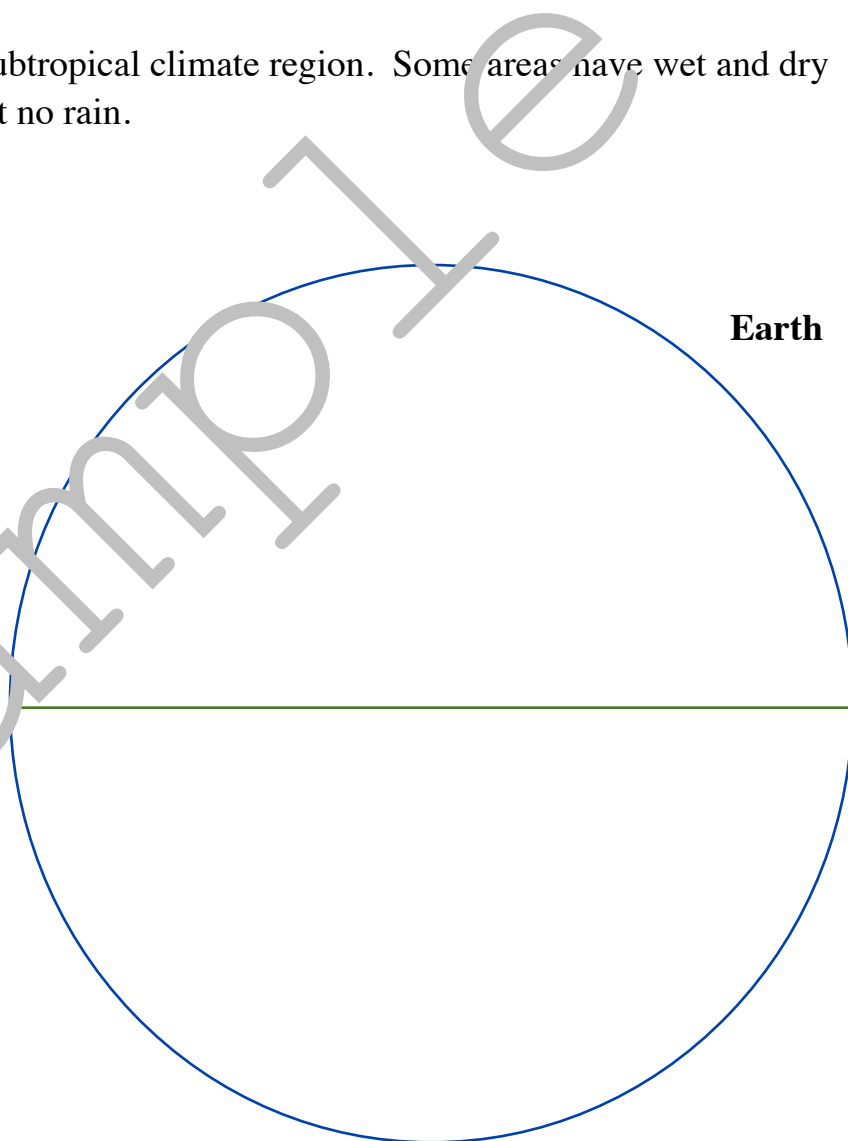
The tropical climate region has areas that have rain almost every day. It has areas that have a wet season and dry season. It has areas that almost never have rain.

The subtropical climate region is located north and south of the tropical region. The temperatures in this area are warm most of the year.

There is very little snow in the subtropical climate region. Some areas have wet and dry weather and some areas have almost no rain.



1. Write the word equator on the line that divides the Earth.
2. Find a picture in a book or on the Internet of a picture that shows where the tropical and subtropical areas are on the Earth.
3. Draw lines on the image to the right to show about where the tropical region is.
4. Draw lines on the image to the right to show about where the subtropical region is. Then write the words tropical and subtropical in the correct regions.





CLIMATE

CRISS CROSS

Can you fit these words into the criss cross?
Use a pencil so you can erase if you need to.

planets

weather

tropics

heat

clouds

storms

rain

sun

