



Sunlight Observation Sheet

Answer each by sketching your answer or writing it out.

When the pencil (axis) of the orange is held straight up and down

I notice that the top part (north) and bottom part (south) of the orange get.....

Get the same amount of sunlight

Get different amounts of sunlight.

When the pencil (axis) is titled, the top part and bottom part.....

Get the same amount of sunlight

Get different amounts of sunlight.

What do you notice happens to the amount of sunlight as the Earth (orange) travels around the sun?



Draw an Earth and label the following parts: North Pole, South Pole, axis, equator.

Season Simulation

Describe what happens to the amount of sunlight.

In December, the northern hemisphere of the Earth.....compared to the southern hemisphere.

gets more sunlight gets less sunlight gets the same amount of sunlight.

In June, the northern hemisphere of the Earth.....compared to the southern hemisphere.

gets more sunlight gets less sunlight gets the same amount of sunlight.

In March and September, the northern hemisphere of the Earth.....compared to the southern hemisphere.

gets more sunlight gets less sunlight gets about the same amount of sunlight.

When it is winter (December), what do you notice about the amount of sunlight that the top or North Pole of the Earth receives?

Draw a picture of how the sun's rays hit the Earth during each of the following:

Summer Months (June)	Winter Months (December)
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