

Science Experiment: Tilt (#121)

Cycle 1, Week 13

Purpose:	To demonstrate the ef	fect of the Earth's	on seasons.
Hypothesis:			
Materials:	2 pencils polystyrene ball 3"	flashlight	
Procedure:			Draw/Write <i>Observations</i> in the box.
 Use the second percenter of the poly between the top at the position the ball of slightly to the right of the left side of the left side of the Place the light about the left and percented in the left side of the percented in the light about the	om, place the flashlight abo	line around the buld be halfway cil eraser is leaning out 6 inches from	
Results:			
The area	the equator receiv	es the most light	when the pencil eraser points
fro	m the light, and the area	a	the equator is brighter when
the pencil eraser po	oints the	e light.	
<i>Why:</i>			
the area the Sun. This is beca the	the equator, is warrause more direct rays hit equator, receives the wa	med the most whe the area. The Sou arming direct light i	arth. The Northern Hemisphere, n the Earth's axis points toward thern Hemisphere, the area rays when the Earth's axis points
movement around th	the direction of the Eart he Sun, causing the Soutl f light rays. This results in	hern and Northern	ery slightly during the Earth's Hemispheres to receive .