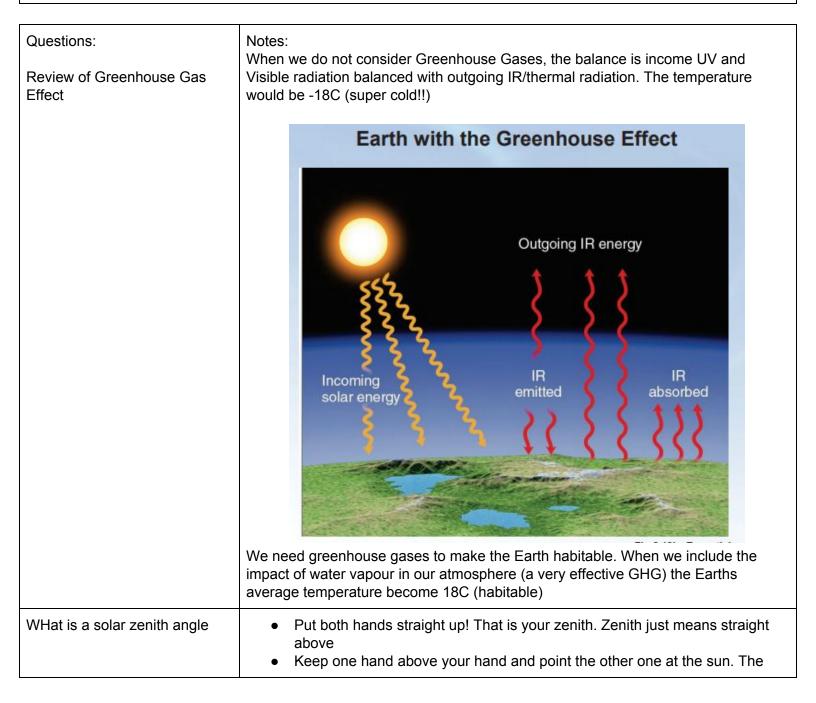


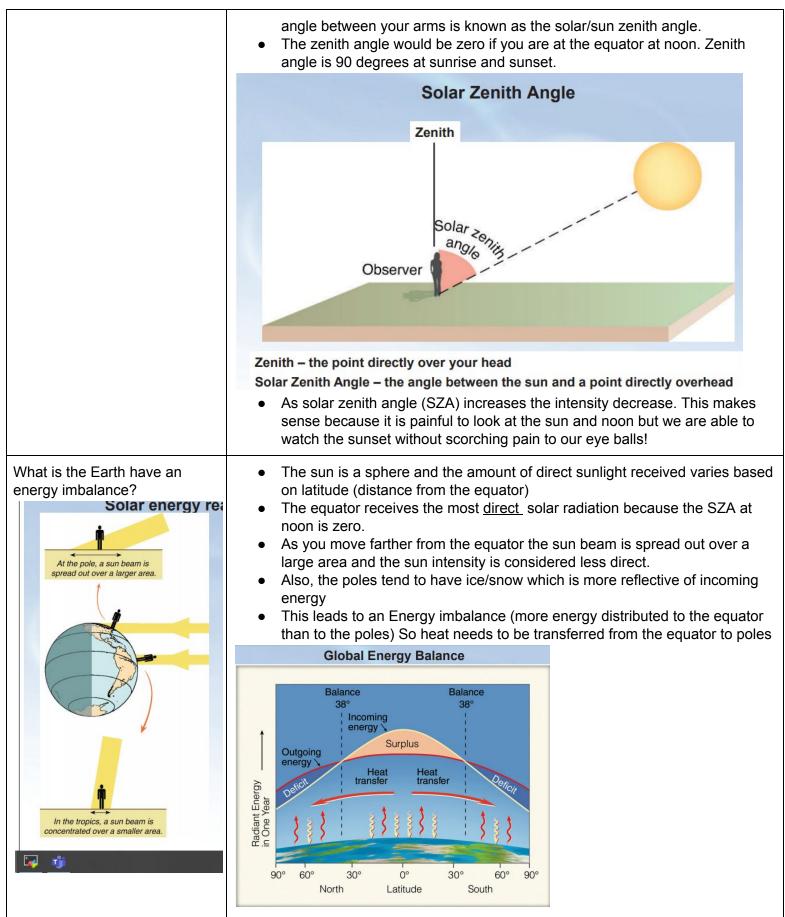
Energy and the Earth	Name: Hannah Daley
	Class/Period: AOSC200
	Date: 9/19/19

Essential Question:

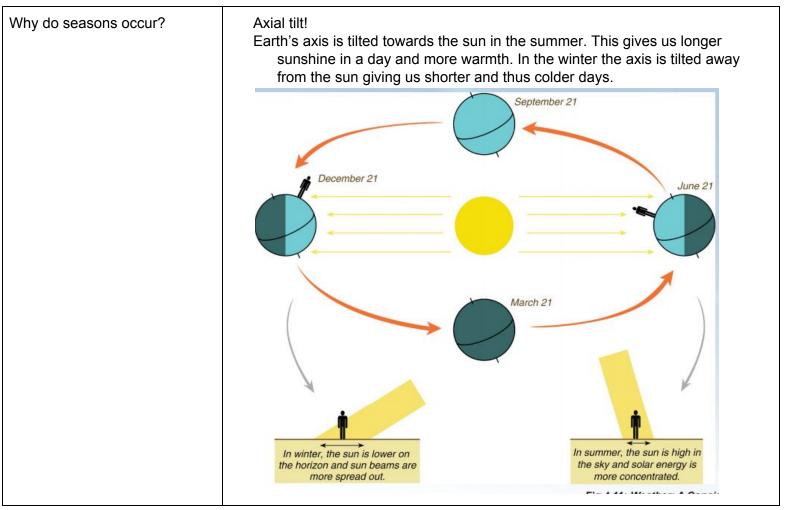
How do greenhouse gases impact incoming and outgoing radiation? What is solar zenith angle and how does is it create and energy balance? How does sunlight relate to seasons?











Summary:

Greenhouse gases **DO NOT** impact incoming radiation. The Earth absorbs UV and visible light from the sun and emits IR radiation back to the sky. Greenhouse gases absorb this outgoing radiation and re-emit this energy back to the surface (heating it)? Solar zenith angle tells us how high in the sky (how direct) the sun is. The more sun we receive the more will be absorbed and emited from the Earth (warmth). Thus the more direct sunlight we receive the warmer the conditions are. This is why is it colder towards the poles. Seasons are created by axial tilt.