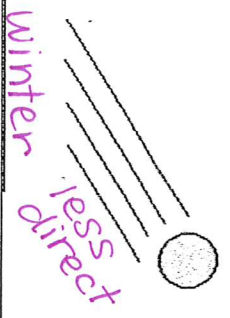
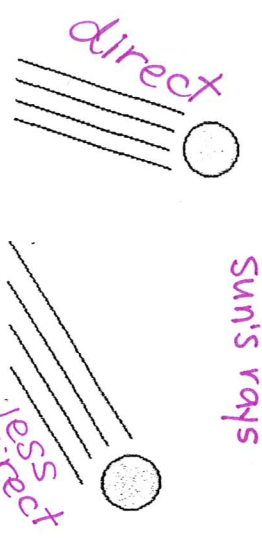
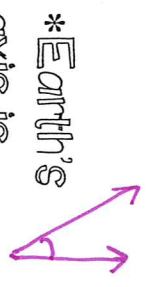
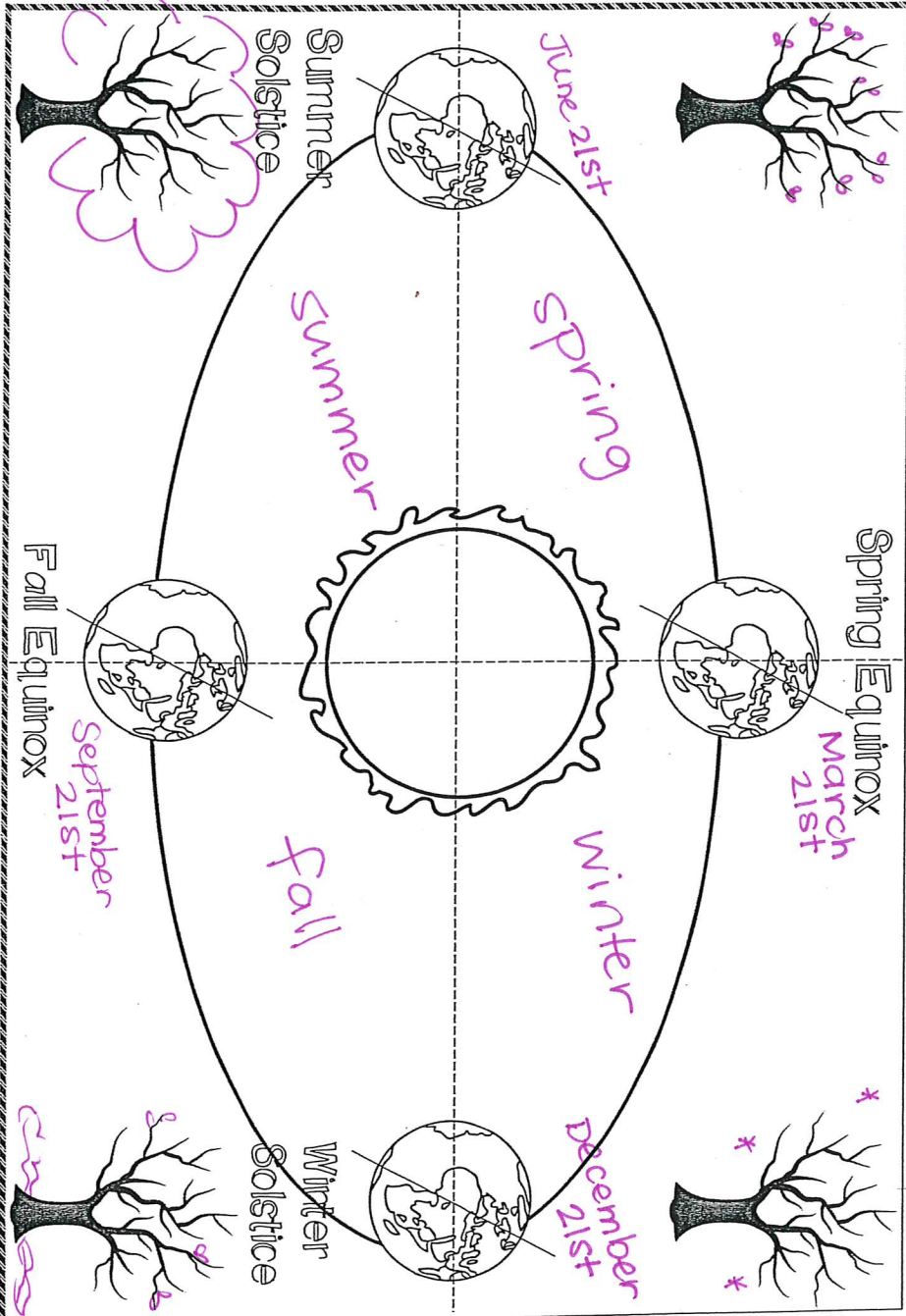


Seasons

Equinox - a day with equal parts light + dark (12hr)
 Solstice - the longest or shortest day of the year
 Tilted axis + revolution around sun = seasons



summer winter

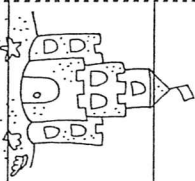


*Earth's axis is always tilted at an angle of 23 1/2°.

When it is winter in the northern hemisphere, it is summer in the southern hemisphere.

Spring Tide:

The tide with the greatest difference between consecutive high and low tides.



high tide

low tide

*Caused by how much gravity from the moon and sun pull on different parts of Earth.

full moon



gravitational pull on oceans

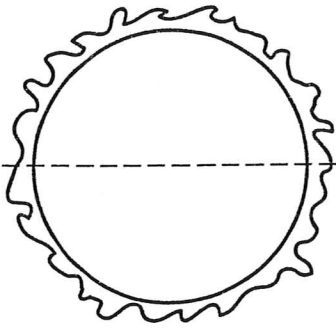
*Sun, Earth, & moon all line up.

new moon



Water Level

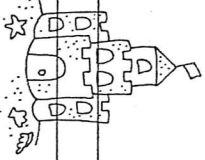
• There are 2 high and 2 low tides every day.
STRONG weak



Tide: the periodic rise and fall of the level of H₂O in the ocean

Neap Tide:

The tide with the least difference between consecutive high and low tides.



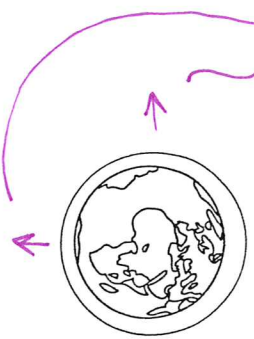
high tide

low tide

gravitational pull on oceans



quarter moon



quarter moon