the ability to do work

sunlight

heat

waves

energy

outermost sphere

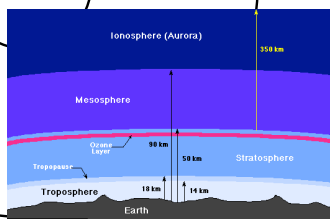
mixture of gases

nitrogen

oxygen

other parts

atmosphere



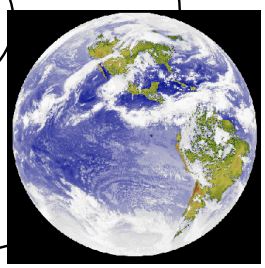
oceans

lakes

rivers

ice forms

hydrosphere

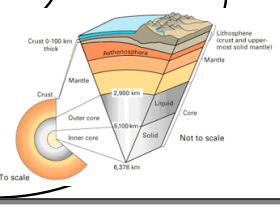


earth's solid crust

outer layer

continents, islands, all land

lithosphere



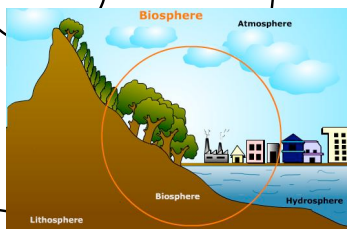
made up of all living things

on land

in air

biosphere

underground

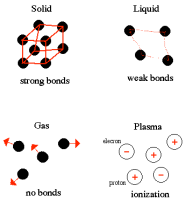


tiny particles

makes up everything

matter

atoms

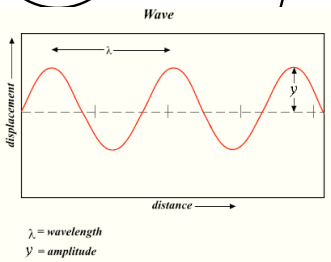


up and down

caries energy from place to place

side to side

wave

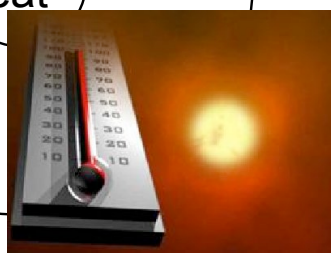


thermal energy

makes a difference in temperature

transferes energy

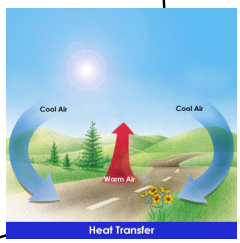
heat



total energy

add up every atoms energy

thermal energy



everything we know about earth

collected over thousands of years

earth science

about forces that change earth