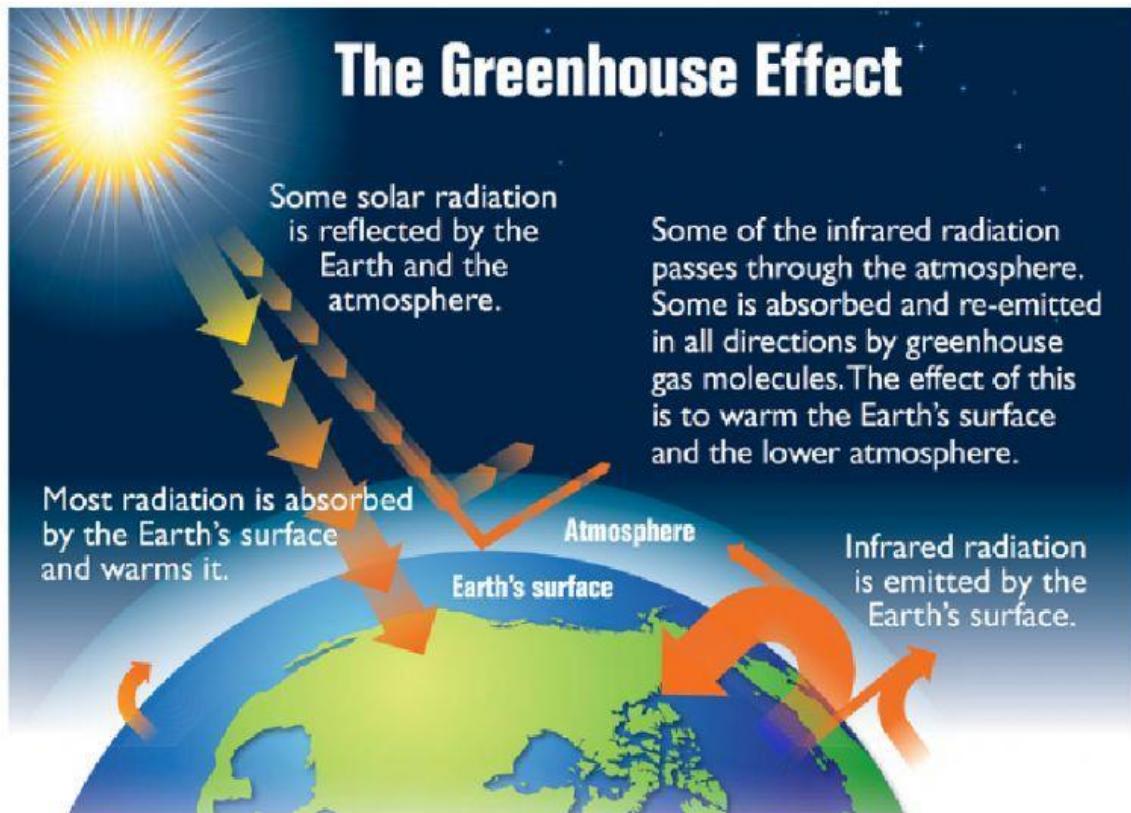


The Greenhouse Effect



Certain gases, including CO_2 and CH_4 , are transparent to most of the light arriving from the sun but are relatively opaque to heat ; thus, energy passes through the Earth's atmosphere on arrival, is converted to heat by absorption at the surface and in the atmosphere , and is not easily re- radiated into space.

atmosphere, carbon dioxide, infrared,

methane, radiated, radiation, wavelengths