

Global Warming By Elise Price

- What is global warming?
- The causes and effects.

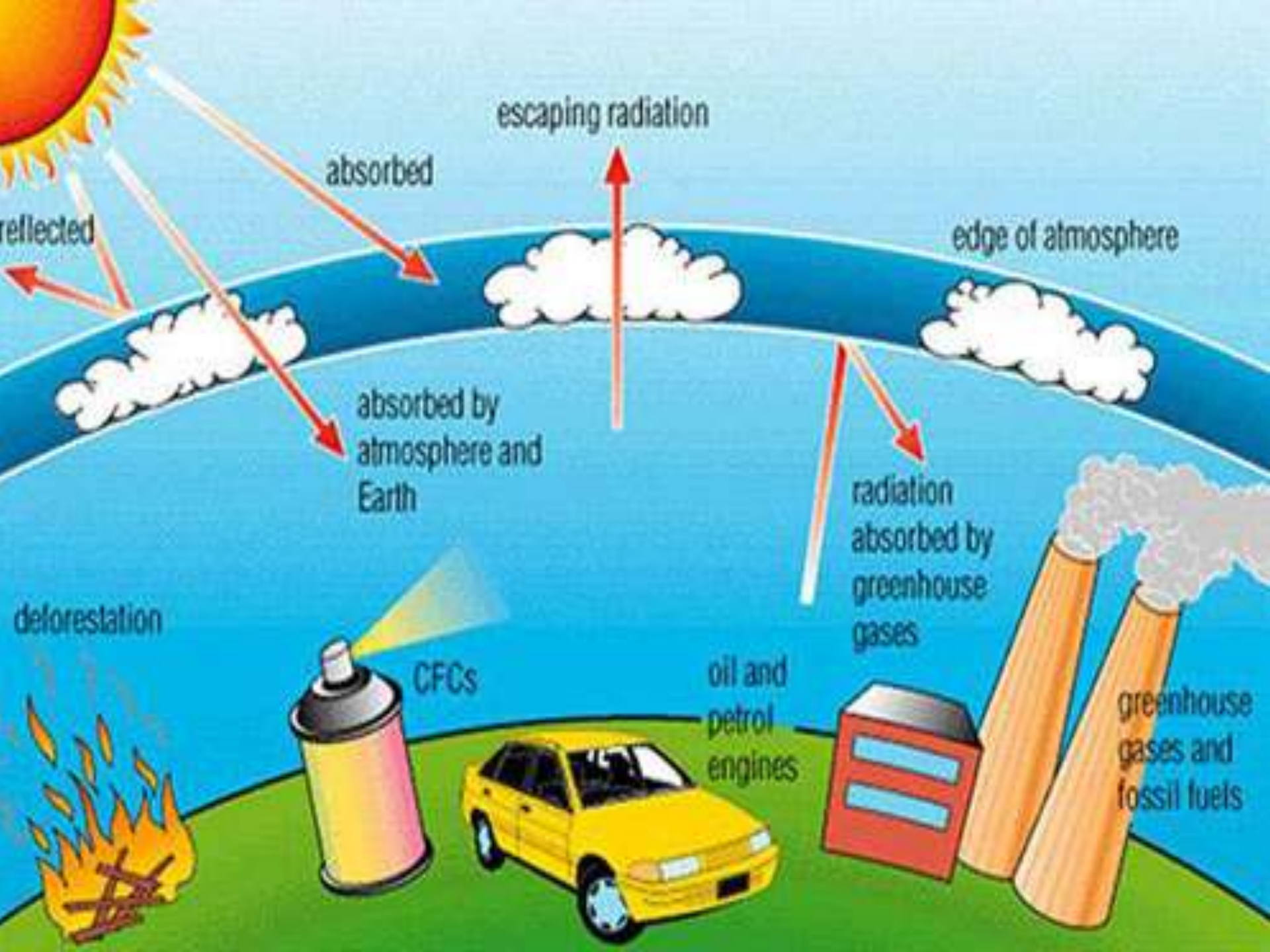
What is global warming?

- It's the gradual increase in the overall temperature of the earth's atmosphere.



Causes.

- The greenhouse effect: the trapping of the sun's warmth in a planet's lower atmosphere, due to the greater transparency of the atmosphere to visible radiation from the sun than to infrared radiation emitted from the planet's surface.
- Climate change: a change in global or regional climate patterns, in particular a change apparent from the mid to late 20th century onwards and attributed largely to the increased levels of atmospheric carbon dioxide produced by the use of fossil fuels.
- Carbon emissions: Human sources come from activities like cement production, deforestation as well as the burning of fossil fuels like coal, oil and natural gas.



Effects

- On-going effects include rising sea levels due to thermal expansion and melting of glaciers and ice sheets, and warming of the ocean surface, leading to increased temperature stratification.
- Also, global weather patterns will change.

