

Climate Change: Winners and Losers

Lesson 1 REVIEW

Use the list of words below to summarize the lesson on the greenhouse effect. You will need to use some words more than once:

electrical, electromagnetic, greenhouse, greenhouse effect, infra-red (IR), magnetic, molecules, motion, visible light
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1) Heat is the result of the _____ of

_____. (page 2)

2) Electromagnetic radiation involves both _____ and

_____ forces. (page 3)

3) Radio waves, light and X-rays are all forms of _____

radiation. (page 3)

4) Most of the EM radiation that arrives at Earth from the Sun is in the form of

_____ waves. (page 4)

5) Most of the EM radiation that leaves Earth and goes back toward space as

_____ waves. (page 4)

6) Certain molecules in our atmosphere absorb IR radiation and trap heat in the

atmosphere. This is what causes the _____. (page 4)

7) CO₂ and methane are examples of _____ gases. (page 4)