

Greenhouse effect: (A-Level Chemistry, Ramsten L.N; Nelson Thornes, p.435)

worksheet prepared by W. Bałdyga

1. Match words with definitions:

1.phenomenon	chemical compound which is the simplest alkane
2.uninhabitable	wood of trees cut and prepared for use as building material
3.deforestation	any state or process known through the senses rather than by intuition
4.methane	change into gas
5.vaporise	removal of trees
6.timber	not possible for people to live in

2. Match the words with their Polish equivalents:

1.wavelength	zatkany	6.enhance	długość fali
2.infrared	konwekcja	7.capacity	szerokość geograficzna
3.latitude	tu: zdolność	8.plugged	wycinanie lasów
4.absorption	tu: zwiększać	9.mean temperature	wchłanianie
5.convection	podczerwień	10. deforestation	średni/a

3. Form nouns or verbs from the following and explain:

uninhabitable	deforestation	plugged	vaporise	absorption	enhance
noun:	noun:	verb:	noun:	verb:	Noun:

4. Fill the gaps in the text with the words given below.

fossil fuels	water vapour	phenomenon, inhabitable	enhance, latitudes
mean temperature	climate change	greenhouse effect	absorb
increase	CO ₂	forest cover	methan ,CFCs

- The _____ of our planet is fixed by steady balance.
- The disturbed equilibrium may result in _____ leading to upset food production, create desert, raise in the level of oceans or start of ice age.
- _____ is a mechanism for regulating the Earth's temperature.
- The warming effect of _____ and water vapour is called greenhouse effect.
- Most of the greenhouse heating of the Earth's surface is due _____.
- Without this natural _____ the earth would be _____ with temperatures ranging at -20 C.
- If the burning of _____ continues at the same rate, the concentration of CO₂ will double.
- Higher concentration of CO₂ will _____ mean temperatures, especially at high _____.
- The world _____ is drastically cut down in Amazon, Africa, Indonesia, India and Philipines
- 10.The loss of tress makes it impossible to _____ CO₂ effectively.
- _____ and _____ are other greenhouse gases.
12. The increase in water vapour will _____ global warming.

5. Explain the terms: debt-for-nature exchange; debt swap.

