

## Climate and Greenhouse effect

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### PART 3 Questionnaire KAHOOT

Climate represents weather on long terms. It is less heterogeneous than weather. Different climates appear, all dependant on sunlight : tropical, polar or even temperate climates in medium latitudes.

1- In which region does the greenhouse effect originate ?

- a) In the volcanoes
- b) In Europe
- c) In the interstellar space
- d) In the atmosphere of the Earth

2- What is one of the consequence of the greenhouse effect ?

- a) Climate warming
- b) A slower rotation of the Earth
- c) Earthquakes
- d) An increase in eclipses of the Sun

3- Which of these components is the intruder in the greenhouse gases ?

- a) Atmospheric water vapor
- b) Helium
- c) Carbon dioxide
- d) Methane

4- What is the intruder in this list of properties of infrared light ?

- a) A light that the eye cannot see
  - b) A sound wave
  - c) The energy lost by the Earth
  - d) The vector of the greenhouse effect
- 5- What is the difference between weather and climate
- a) Climate is an average of the weather over a long period of time
  - b) Weather is an average of the climate over a long period
  - c) Climate is the weather when it is variable
  - d) Weather is climate when it is variable
- 6- Signs of climate change: finding the intruder
- a) Rising sea levels
  - b) Change in precipitation (rain, snow, etc.)
  - c) Average global temperatures
  - d) Increase in world population
- 7- What has caused the climate change observed since 1970s ?
- a) Human activities
  - b) Sun activity
  - c) Volcanic eruptions
  - d) We do not know because the climate before 1970 is unknown
- 8- What are the consequences of climate change ?
- a) Higher temperatures
  - b) Lower temperatures
  - c) Rivers will dry out
  - d) Sky no longer transparent, so stars will be invisible