

## Grade 7 Natural Science Worksheet

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### Assessment Task: Climatology: climate change

#### Climate change

Complete the following multiple choice test:

1. What does the word “climate” mean?
  - a. The weather over many years
  - b. The weather right now
  - c. The temperature it is today
  
2. Which of the following is not an effect of climate change?
  - a. Global warming
  - b. Rising sea levels
  - c. Increasing pollution
  
3. What is a glacier?
  - a. A small area of frozen water
  - b. A huge river of ice
  - c. A huge river
  
4. What effect does climate change have on the polar regions?
  - a. None
  - b. Melting them
  - c. Causing them to enlarge
  
5. Which greenhouse gases do volcanoes produce?
  - a. Carbon dioxide, sulphur dioxide, hydrogen chloride
  - b. Oxygen, carbon monoxide, carbon dioxide
  - c. Nitrogen, hydrogen dioxide, sulphur dioxide
  
6. What does sulphur dioxide smell like?
  - a. Smoke
  - b. Rotten eggs
  - c. Dying fish
  
7. Which animals are affecting the climate with the methane they produce?
  - a. Fish
  - b. Birds
  - c. Cows

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8. Which of the following produces carbon dioxide?
- Planting trees
  - Burning fossil fuels
  - Solar energy
9. Which is true about rain forests?
- Rain forests are being cut down to make way for human agriculture and habitation
  - It never rains in a rainforest
  - Rain forests are the smallest and least important biome on the planet
10. What is an “aerosol”?
- An air purifying device
  - Minute specks of solid matter sprayed into the air
  - Deodorant

[20 marks]

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### Suggested Solutions

Possible marks	Solution
<b>20</b>	1. a 2. c 3. b 4. b 5. a 6. b 7. c 8. b 9. a 10. b