

## KIDS CLIMATE QUIZ 2021 - ANSWERS

### Round 1 – General Knowledge

1. What is climate change?  
b) change in average weather patterns
2. Climate change is making the earth:  
c) warm up
3. A carbon footprint is:  
a) a measure of the amount of carbon dioxide emitted into the atmosphere due to human activity.
4. Climate change is caused by:  
a) combustion of fossil fuels.
5. What do greenhouse gases trap in the atmosphere:  
a) Heat.

### Round 2 – Sustainability at home

1. Is it better put vegetable scraps in  
a) compost heap
2. Which uses more energy?  
b) boil only the amount of water you need
3. Which mode of transport results in the least emissions?  
a) riding a bicycle around the city
4. After watching your favourite tv show you should  
a) Turn of the tv at the wall socket to save the most energy.
5. Which of these is a clean energy source?  
b) wind energy

### Round 3 - Nature

1. Which animal is being affected by climate change due to the loss of ice?  
b) polar bear
2. You are a mayor in charge of developing your city. Which one is the more sustainable option:  
b) save as many trees as possible, for cleaner air and animal habitats.

3. Melting of ice in the Arctic and Antarctica has led to:
  - a) rise in sea levels.
4. Which animal is believed to have become extinct because of climate change?
  - b) Woolly mammoth
5. Which of these is a fossil fuel that occurs in nature?
  - a) coal

#### **Round 4 – Science**

1. Which of these is a greenhouse gas?
  - a) carbon dioxide
2. The greenhouse effect means that:
  - a) heat is trapped near the earth's surface due to increased greenhouse gases.
3. Which gas is produced in photosynthesis?
  - a) oxygen
4. Carbon dioxide in the atmosphere is in which state:
  - c) Gas
5. Which is the effect of climate change on oceans
  - a) an increase in the acidity of oceans

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