

KIDS CLIMATE QUIZ 2021 - QUESTIONS

Round 1 – General Knowledge

1. What is climate change?
 - a) when it is sunny in the morning and rainy in the afternoon
 - b) change in average weather patterns
 - c) an increase in day temperatures
2. Climate change is making the earth:
 - a) cool-down
 - b) spin faster
 - c) warm up
3. A carbon footprint is:
 - a) an imprint left by a shoe made from carbon-fibre.
 - b) a measure of the amount of fossilised carbon
 - c) 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.
 - b) Hot wind blowing over cold areas.
 - c) Season change from winter to summer.
5. What do greenhouse gases trap in the atmosphere?:
 - a) Heat.
 - b) Water.
 - c) Air.



Round 2 – Sustainability at home

1. Is it better put vegetable scraps in:
 - a) the general waste bin.
 - b) compost heap.
 - c) the recycling bin.
2. When boiling the kettle for a cup of tea it is best to...?:
 - a) Boil the kettle two times
 - b) Boil only the amount of water you need
 - c) Boil extra water so you don't need to fill it up later
3. Which mode of transport results in the least emissions?
 - a) riding a bicycle around the city
 - b) riding a motorcycle around the city
 - c) driving your car around the city

4. After watching your favourite tv show you should
 - a) leave the tv on in-case someone wants to watch their favourite tv show later.
 - b) turn off the tv using the remote to save the most energy.
 - c) turn of the tv at the wall socket to save the most energy.

5. Which of these is a clean energy source?
 - a) coal
 - b) wind energy
 - c) diesel



Round 3 - Nature

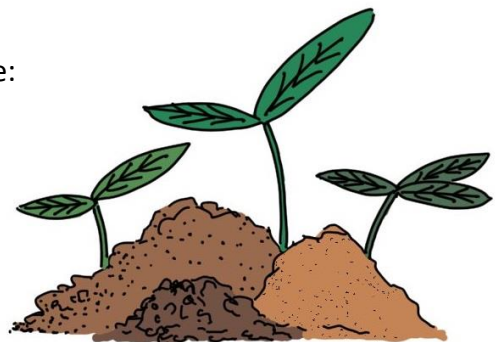
1. Which animal is being affected by climate change due to the loss of ice?
 - a) elephant
 - b) polar bear
 - c) white rhino

2. You are a mayor in charge of developing your city. Which one is the more sustainable option:
 - a) Cutting down as many trees as possible to make space for buildings and houses.
 - 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.
 - b) an increase in the whale population
 - c) more swimming destinations for tourists

4. Which animal is believed to have become extinct because of climate change:
 - a) black rhino
 - b) woolly mammoth
 - c) passenger pigeon

5. Which of these is a fossil fuel that occurs in nature:
 - a) coal
 - b) solar energy
 - c) wind energy



Round 4 – Science

1. Which of these is a greenhouse gas:
 - a) carbon dioxide
 - b) oxygen
 - c) hydrogen

2. The greenhouse effect means that:
 - a) all plants should be grown in greenhouses so they can be large and healthy.
 - b) heat is trapped near the earth's surface due to increased greenhouse gases.
 - c) all houses should be painted green so they can retain heat.

3. Which gas is produced in photosynthesis?
 - a) carbon dioxide
 - b) oxygen
 - c) helium

4. Carbon dioxide in the atmosphere is in which state:
 - a) Solid
 - b) Liquid
 - c) Gas

5. Which is the effect of climate change on oceans:
 - a) an increase in the acidity of oceans
 - b) a decrease in the temperature of oceans
 - c) an increase in the number of species of fish

