**Climate Quiz- Question sheet**

**Round 1- General knowledge**

1. What is climate change?
2. Change in average weather patterns
3. An increase in day temperatures
4. When it is sunny in the morning and rainy in the afternoon
5. Climate change is making the earth:
	1. Cool down
	2. Spin faster
	3. Warm up
6. A carbon footprint is
	1. An imprint left by a shoe made from carbon-fibre
	2. A measure of the amount of fossilized carbon
	3. A measure of the amount of carbon dioxide emitted into the atmosphere due to human activity
7. Climate change is caused by:
	1. Combustion of fossil fuels
	2. Seasons changing from winter to summer
	3. Hot wind blowing over cold areas
8. What do greenhouse gases trap in the atmosphere?
	1. Heat
	2. Water
	3. Air

**Round 2- Sustainability at home**

1. When boiling the kettle for a cup of tea, it is best to…?
	1. Boil the kettle two times
	2. Boil only the amount of water you need
	3. Boil extra water so you don’t need to fill it up later
2. Which of the following lightbulb types uses the least energy, and therefore results in fewer greenhouse gas emissions?
	1. Incandescent
	2. Halogen
	3. Compact fluorescent
3. Which uses less water: washing dishes by hand or in the dishwasher?

\_\_\_\_\_\_\_\_\_

1. According to the Energy Saving Trust, which types of appliances typically use the most energy in the home?
	1. Wet appliances- washing machines, dishwashers and tumble dryers
	2. Cold appliances- fridge and freezers
	3. Consumer electronics- laptops, TVs, games consoles
	4. Lighting
	5. Cooking appliances- hob, oven, kettle and microwave
2. According to the most recent report by the charity Waste and Resources Action Programme (WRAP), the UK produced around 9.5 million tonnes of food waste in 2018. Broken down by sector, how many tonnes of food waste were generated in the home?
	1. 1.5 million tonnes (16% of the total)
	2. 6.6 million tonnes (70% of the total)
	3. 1.1 million tonnes (12% of the total)

**Round 3- Nature**

1. The biggest impact on UK wildlife over the last 50 years has been…
	1. Destruction of the peatlands
	2. Mowing lawns
	3. The intensification of agriculture

Farmland covers 70% of the UK. Since the 1970s, farming has intensified, providing less and less habitat for native wildlife. Whilst the rate of such habitat loss has slowed in recent times, the situation is still getting worse.

1. It is estimated that the population of UK hedgehogs has reduced by \_\_\_\_ since 2000?
	1. 25%
	2. 50%
	3. 75%
2. What percentage of UK birds are threatened with extinction?
	1. 20%
	2. 30%
	3. 40%
3. True or false- there are rainforests in the UK.
	1. True
	2. False
4. The UK’s woods are home to almost \_\_\_\_ of all bluebells in the world.
	1. A quarter
	2. A third
	3. A half

**Round 4- People**

1. How many people in the world are vulnerable to the effects of climate change?
2. 4 million
3. 40 million
4. 4 billion
5. True or false- The people whose health is being harmed first and worst by the climate crisis are the people that contribute the most to the causes of climate change.
6. Around \_\_\_ of heat-related deaths are already attributable to climate change.
	1. 10%
	2. 33%
	3. 50%
7. True or false- Climate change and higher temperatures are linked to an increase in allergens and harmful pollutants in the air we breathe.
8. Which of the following places will be particularly vulnerable to health threats from climate change in future?
	1. Villages
	2. Towns
	3. Cities

**Round 5- Climate solutions**

The Grantham Institute for Climate Change and the Environment at Imperial College, London, have a guide to 9 things you can do about climate change. Fill in the blanks of these tips.

1. Make your \_\_\_\_\_ heard by those in power
2. Eat \_\_\_\_\_ meat and dairy
3. Cut \_\_\_\_\_ on flying
4. Leave \_\_\_\_\_ at home
5. Reduce your \_\_\_\_\_ and bills
6. Respect and protect \_\_\_\_ spaces
7. \_\_\_\_\_ your money responsibly
8. Cut \_\_\_\_\_ and waste
9. \_\_\_\_\_ about the changes you make