



CORE Questions

The following are core questions for this topic. Cover the answer section with a sheet of paper and try and quiz yourself. Only try learning 5 at a time, once you know them move on.

1	Approximately what percentage of the air is nitrogen?	80%
2	Approximately what percentage of the air is oxygen?	20%
3	Which gas makes up approximately 0.04% of the atmosphere?	Carbon Dioxide
4	Which gas released by combustion is a greenhouse gas?	Carbon Dioxide
5	Complete the word equation Fuel + Oxygen ->	Carbon Dioxide + Water
6	Give two examples of resources which need to be mined.	Any from metal ores, diamonds, fossil fuels
7	Give two environmental impacts of deforestation.	Destroys habitats, more floods, less CO ₂ absorbed
8	How do forests remove greenhouse gases?	They absorb CO ₂ from the atmosphere to do photosynthesis
9	Nitrous oxides are harmful gases. Suggest a problem casued by NO_2	Respiratory problems
10	Sulphur dioxide is a harm gas. Suggest a problem caused by SO_2	Acid Rain
11	Why is carbon monoxide (CO) a dangerous gas?	It is posionous (it can suffocate you)
12	Why is plastic a problem when people leave it in landfills or litter?	It takes a long time to break down
13	Why should metals be recycled?	They are finite (eventually run out)
14	Give two benefits of recycling.	No habitat destruction from mining, uses less energy
15	What is meant by carbon footprint?	A measure of how much CO you produce based on your activities
16	Suggest two things you can do to reduce your carbon footprint.	Walk more, recycle, don't leave electronics on standbye
17	Give two ways scientists can maintain stable ecosystems.	Breeding programes, seed banks, nature preserves

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