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OZONE

The layer of the atmosphere that protects us from harmful UV rays

2



BIODIVERSITY

The amount of living things within an ecosystem

3



CARBON DIOXIDE

The most abundant greenhouse gas

4



CLIMATE

The average temperature, precipitation, humidity, and wind patterns of a place

5



CLIMATE CHANGE

Negative changes in climate due to human activity

6



ECOSYSTEMS

A particular area or region where living and non-living things interact and affect one another

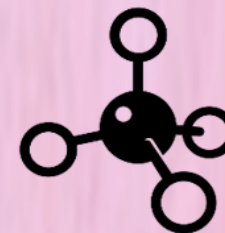
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ENVIRONMENT

The circumstances, objects, or conditions by which one is surrounded

8



METHANE

A greenhouse gas at least 25 times more dangerous than CO2

9



NON-RENEWABLE RESOURCES

Ancient resources produced by the earth that are limited in their amounts and not readily replaced

10



OCEANS

Climate change significantly affects the depths, temperatures, and levels of acidity of this ecosystem

11



SOLID WASTE

Any discarded or abandoned materials

12



AGRICULTURE

This industry is associated with pesticide application and run off, soil erosion, and livestock operations

13



DEFORESTATION

The process of removing trees, often for agricultural purposes

14



EMISSIONS

The by-product of burning fossil fuels

15



ENERGY GENERATION

Non-renewable resources are the primary input to this process

16



GREENHOUSE EFFECT

When gases in the atmosphere trap heat, then reflect it back to the Earth's surface

17



INDUSTRY

The sector responsible for converting natural resources into material items

18



TRANSPORTATION

The movement of people and goods, and one of the primary contributors to climate change

19



DROUGHT

An extended period of time where there is little to no rainfall or snow

20



EXTINCTION

The result of species' inability to adapt to habitat disruptions and changing environments

21



FLOODING

When heavy rains cause a region to be partially covered or submerged in water

22



FOOD INSECURITY

A household's inability to provide enough food for every person to live an active, healthy life

23



HEAT WAVES

This consequence is the deadliest weather related event

24



MENTAL HEALTH

A person's emotional, psychological and social well-being

25



OCEAN ACIDIFICATION

This consequence interferes with marine animals' ability to build hard, protective shells

26



RISING SEA LEVELS

This consequence affects coastal communities and threatens the lives of over 1 in 7 people globally

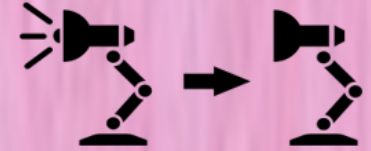
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ALTERNATIVE TRANSPORTATION

Any method of travel that reduces greenhouse gas emissions

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ENERGY CONSERVATION

The act of saving energy to reduce associated greenhouse gas emissions

29



PLANTING

The act of putting seeds or plants into the ground with the knowledge that they will become carbon sinks

30



RENEWABLE ENERGY

Energy that can be replaced at rate similar to consumption

31



REFUSE, REDUCE, REUSE, RECYCLE

Four ways to decrease the amount of waste you produce: "The 4 Rs"