What is air pollution?

What are the two types of air pollutants?

1._____   2. _____

Fill in this table about the three most important harmful gases

Gas name	Chemical formula	Where it comes from	Why it's a problem

What is the main difference between PM10 and PM2.5 particles?

_____

List some of the different kinds of particles

_____

Why are PM2.5 particles considered more dangerous than PM10 particles?

_____

Sources of Air Pollution Card Sort Game

Print and cut up these cards. 1 set per group

|					
Fires	Buses/Trains	Petrol/diesel cars	Smoking	Aerosols	Cycling
Solar panels	Farming	Volcanos	Electric cars	Fireworks	Walking
Cleaning products	Power stations	Trees	Aeroplanes	Wind turbines	Motorcycles
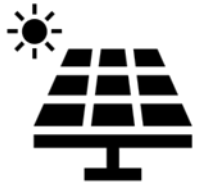
Where does air pollution come from and what can we do about it?

Fill in this table summarising what you have learned

Causes (where air pollution comes from)	Effects (how air pollution affects people and places)	Solutions (what we can do to make things better)

Looking at Air Pollution Data

Colour in the bar below to show how to the map scale works

0	20	35	50	100	150	200+
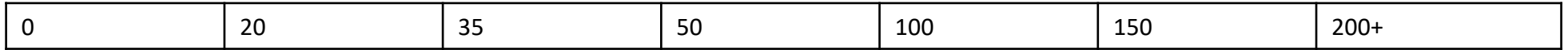
Less pollution ⟶ More pollution

Which is a sign of cleaner air – a lower or higher number? _____

Look up the places you have been allocated and fill in this table

Place	Overall air quality (AQI)	NO₂	O₃	PM2.5	PM10

Have you noticed anything interesting about what you have found out? _____

_____