

RANKING CLIMATE CHANGE CAUSES

STEP 1: Cut out the statements.

STEP 2: Read each statement out loud.

STEP 3: Rank the statements putting the biggest cause of current climate change at the top, the least at the bottom.

STEP 4: Discuss and come to agreement. *Hint: there are many right answers.*

STEP 5: Glue final ranking on to this sheet.

1

2

3

4

5

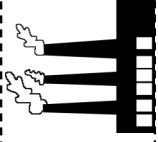
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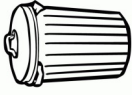
TRANSPORTATION: Most cars need gas or diesel to work. These come from oil, which is a fossil fuel. The carbon dioxide in oil goes into the atmosphere when the car is running.



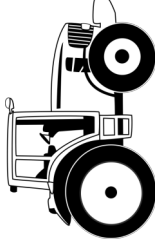
ELECTRICITY: Electricity is a form of energy used to power almost everything in our homes. Electricity can come from renewable sources (water, wind, sun) and non-renewable sources like fossil fuels (oil, and gas). Fossil fuels release CO2 into the atmosphere.



FACTORIES: Making clothes, cars, electronics, and processed foods creates a lot of pollution. When materials like plastic, cardboard, metal, and cement are made, harmful gases are released into the air and water.



LANDFILL: Our landfills are growing and using up more healthy land. When waste breaks down in landfills, greenhouse gases are created, including methane and carbon dioxide. These gases contribute to climate change.



FOOD: We need food to survive, but it creates a lot of pollution. Transporting food by ships, planes, trains, and trucks adds carbon dioxide to the atmosphere. Clearing the land for farms and farming practices also create greenhouse gases.



COWS: Cows create a greenhouse gas called methane when they burp and fart. Methane is a greenhouse gas that is 25 times more powerful than carbon dioxide. With about 1.5 billion cows around the world, methane is having a big effect on climate change.



CLIMATE CHANGE
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