

Map/Atlas Challenges:

Use the key and clues to mark the following on your map with the help of your atlas too!

Key for Map:-

Circle - Greta Thunberg's journey to UN summit

Square - World's biggest fossil fuel burners

Triangle - Biggest contributors for transport pollution

X - World's biggest consumer of meat

spiral- World's largest areas of deforestation

+ World's carbon neutral countries

Follow these clues to map Greta's journey to the United Nations Summit on Zero Emissions.

1. Greta Thunberg is an influential Climate Change speaker. She was born in Stockholm. This is in Sweden, can you find the grid reference for Sweden
2. On 14th August 2019, Greta Thunberg set sail from Britain on Zero Carbon yacht in order to attend the United Nations Summit on zero emissions. She sailed from Plymouth, which is in the South West of England. Put a circle in the approximate location.

3. Having boarded her Zero Carbon yacht Greta began to make her way to the United States. This journey took 15 days. What ocean would Greta have sailed through?

4. On 28th August 2019, Greta arrived at her destination and the United Nations Summit on zero emissions. Find the United States on the map and then find New York. This is near the city that Greta arrived at.
Mark New York with a pencil circle on your map
Now join the dots together to show Greta's journey

Follow these clues to highlight the key human contributions to Climate Change

5. The burning of fossil fuels (petrol, coal, gas) is considered the biggest contributor to climate change. There are a few countries that burn more than 10 tons of fossil fuels per a year each day. Find the countries in the atlas and then complete this table:

Country/City	Page Number	Grid Reference
Estonia		
Singapore		
Qatar		
Trinidad & Tobago		
United Arab Emirates U.A.E		
Kuwait		

6. Pollution from transport makes up 15% of human causes of climate change. In Europe the most polluting cities for transport pollution are in Italy.

Mark these countries with a triangle on your map

7. Meat consumption contributes to 11.1% of human causes of climate change. Most of this is caused by us eating meat. People in the United States eat 120kg of meat per person per a year. The United States lies between the Arctic Circle and what other latitude line?

Mark the United States with a X on your map

8. Deforestation is another human contributor to climate change. Estimates vary with people suggesting that between 5.7% and 20% of human causes of climate change come from deforestation. Brazil, Peru, Bolivia, Indonesia and Russia are the countries where the largest amount of deforestation is occurring. Find the countries on the map and mark them.

Mark these countries with a spiral on your map