

INSTRUCTIONS

Click on the iconic British images for a link to helpful information. Where possible, use notes and labelled sketches in your answers.

FOSSIL FUELS, FRACKING, CARBON FOOTPRINT - INTERACTIVE KNOWLEDGE MAP

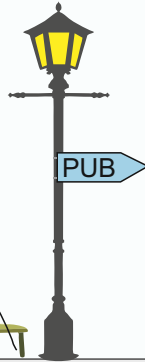
WORLD ASSOCIATION OF TECHNOLOGY TEACHERS <https://www.facebook.com/groups/254963448192823/> www.technologystudent.com © 2020 V.Ryan © 2020

START

1. HOW IS COAL FORMED? include a labelled diagram.



2. HOW IS COAL REMOVED FROM THE GROUND? Include a sketch.



3. DESCRIBE THE TYPE OF POLLUTION CAUSED BY BURNING COAL TO PRODUCE ELECTRICITY.



4. HOW IS ELECTRICITY PRODUCED FROM COAL? Include both notes and a labelled sketch



5. WITH THE HELP OF DIAGRAMS, EXPLAIN HOW OIL AND GAS ARE FORMED.



6. LIST 4 ADVANTAGES AND 4 DISADVANTAGES OF USING OIL AND GAS FOR ENERGY PRODUCTION

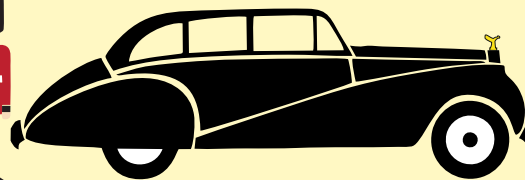
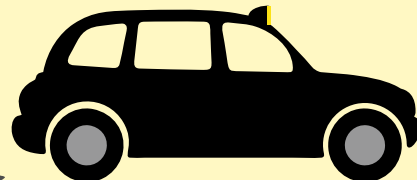
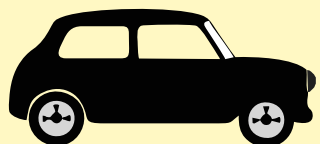


7. WHAT IS HYDRAULIC FRACTURING (FRACKING)? Include a labelled sketch, as part of your explanation.



8. EXPLAIN SOME OF THE ARGUMENTS FOR AND AGAINST FRACKING.

9. WHAT IS OUR CARBON FOOTPRINT?



10. HOW CAN WE REDUCE OUR CARBON FOOTPRINT?

11. SKETCH TWO CARBON FOOTPRINT LOGOS / SYMBOLS

