



**Crossword Puzzle**

Across:

1. A source of energy, which doesn’t run out when used and is finite. E.g. wind and solar.

3. The Earth’s crust is broken into many pieces, which float above the mantle. E.g. Eurasian plate.

4. A greenhouse gas released when fossil fuels are burnt.

Down:

2. A type of energy, which harnesses the heat from hot rocks and creates electricity and hot water.

5. The blue lagoon in Iceland is created by geothermal energy and forms part of which industry in Iceland?

Diagram

Description automatically generated

**Fill in the Gaps**

Geothermal e\_\_\_\_\_\_\_\_\_ is exploited by drilling deep down into the earth’s c\_\_\_\_\_\_\_\_\_\_\_\_. Cold water is   
p­­\_\_\_\_\_\_\_\_\_\_\_\_ down into deep wells. The cold water is then h\_\_\_\_\_\_\_\_\_\_ by h\_\_\_\_\_ r\_\_\_\_\_\_\_\_ and turns the cold water into s\_\_\_\_\_\_\_\_\_\_\_. The s\_\_\_\_\_\_\_\_\_\_ is used to turn generators and t\_\_\_\_\_\_\_\_\_\_\_\_ to create e\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. A by product of this process is hot water which is used to h\_\_\_\_\_\_\_\_\_\_ homes in I\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

**Geothermal energy is a sustainable way of creating energy and only has positive impacts. ‘To what extent do you agree?’**

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