

Morning Starters: Spring 1 - Clean Energy

Word Challenge

The word 'geothermal' comes from ancient Greek – 'geo' meaning earth and 'therme' meaning heat.

Make a list of different words that contain 'geo'.

Make a second list of words that contain 'therm'.

Grammar Challenge

Click text to edit 

Copy and complete the sentence above with an effective simile.

The steam from the geothermal power plant rose like...

Example: The steam from the geothermal power plant rose like a ghostly apparition, swirling and vanishing into the air.

Did You Know?

Geothermal energy is heat that comes from inside the Earth. It is a renewable, clean energy source that can be converted into electricity. Geothermal energy is available at various locations on Earth's surface. In some places, such as Iceland, the heat is so close to the surface that it can be easily used as an energy source. Using geothermal energy reduces greenhouse gas emissions, helping to combat climate change by providing a sustainable alternative to fossil fuels.



Credit: BBC - REEL

Number Challenge

- The temperature of the Sun's surface is around 5,600 ° C.
- The temperature of Earth's core is around 10% hotter than the Sun's surface.

How hot is Earth's core?

Critical Thinking

The costs involved in setting up a geothermal power plant to generate electricity are very high.

To what extent should money be a factor in developing renewable/clean energy?

Monday

Tuesday

Wednesday

Thursday

Friday