

THE GEOTHERMAL WORLD IS MY HOME. I'M KELVIN AND I LOVE HIGH TEMPERATURES.

In my world, we get energy from the natural heat in the Earth's interior. Geothermal reservoirs can be hot water, dry and geothermal. They're predominantly used for heating and air conditioning systems in industrial and agricultural processes.

You can also use this energy in your world!

I've got so much to tell you!

Geothermal energy is produced from the heat that comes from the Earth's interior. Volcanoes and thermal springs are natural phenomena that produce this energy.



This type of energy is used to produce electricity. We use Geothermal plants for this.

- They take advantage of the steam in the Earth's interior to move a turbine and make it turn. That's how electricity's generated.
- They're built close to a geothermal well and the steam is then pumped directly from the well to the plant.

This energy is often used for medicinal purposes and leisure activities, but it can also be used to heat the atmosphere, sanitary water, heating, and industrial installations. The production of heat in the Earth's interior is inexhaustible.

DID YOU KNOW...

... Magma is molten rock and can be at a temperature of more than 1500°C. They're found in the Earth's interior and when they come up?

... Magma is also called lava?

... When magma makes contact with the water from the subsoil it produces large quantities of steam?

... Reykjavik, Iceland's capital, already powers 95% of its buildings using geothermal energy, making it one of the least polluted cities in the world?

1. INDICATE WHETHER THE FOLLOWING STATEMENTS ARE TRUE (T) OR FALSE (F)

- Geothermal energy is obtained from the natural heat from the Earth's interior.
- Geothermal energy cannot be used for its own purposes.
- Magma can reach more than 1500°C.
- The capital of Iceland is one of the most contaminated cities in the world.
- When the magma makes contact with the water from the subsoil it produces large quantities of steam.
- The production of heat in the Earth's interior is exhaustible.

2. WRITE A STORY WITH KELVIN AS THE PROTAGONIST. YOU CAN ADD THE OTHER RENEWABLE ENERGY AVATARS, TOO.

