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Everything around us comes from the Earth. It's either mined or grown!

Cornwall has a rock-solid history in mining!

During the Industrial Revolution, our rocks and minerals were sent all over the world.

UNITED STATES, CHINA, GERMANY, FRANCE, INDIA, SPAIN, PORTUGAL, SOUTH AFRICA, AUSTRALIA

And those brave Cousin Jacks - our miners - spread their skills and knowledge far and wide.

Cornwall is leading the way in sustainable mining and green energy. Whether you want to be a scientist, an engineer, an artist, or something completely new, you can be part of this incredible journey!

Geothermal is clean, reliable, and supports all 17 of the United Nations' Sustainability Development Goals!

Cornwall's geothermal water contains lithium, a key resource for powering green technologies!

Cornwall's geology is rich in minerals and ideal for geothermal energy to heat homes and power industries.

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Thanks to experts at the Camborne School of Mines and our long mining history, Cornwall's on the cutting edge of mineral research!

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Miss MOLECULE & friends

CORNWALL'S

Geo-Resources Odyssey:
A Miss Molecule Exploration

Cornwall is rich in hidden treasures beneath our feet, including rocks, minerals, and even clean energy! From lithium to geothermal and wind, local experts are driving sustainable mining and green technology.

The future is being built right here in Cornwall! watch now: www.missmolecule.co.uk/episode3

They use fancy cameras, like XRF, XRD, and SEM microscopes to capture the teeny-tiniest details.

These minerals are so important for our planet's future that by 2040, we'll need four times more than we are mining now to reach net-zero emissions.

Critical minerals are super important! They're clean energy superheroes.

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Our rocks and minerals have helped build the modern world.

But they're not just a part of our past... they're also the key to our future.

CORNWALL

As we move to renewable energy and new technologies, Cornwall's ready to take the lead!

Cornish rocks are the building blocks of our homes, schools, and even the glass for our windows.

SUSTAINABLE MINING, INNOVATION, GREEN ENERGY

With sustainable mining, innovation, and green energy, we're paving the way for an exciting future that's just around the corner!

And check out our clay pits - they're so massive, you can see them from space!

CLAY PITS (near St Austell)

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Off our coast, the Celtic Sea is set to be one of the world's biggest floating wind farms with HUGE turbines - anchored by our local rocks!

Clay has endless uses... think paint, dishes, cosmetics, even medicine.

The Eden Project

And once we're done mining, these pits get a new life.