

Clean Energy for a Healthy Planet

Geothermal Engineering Ltd was founded in 2008 with the aim of developing geothermal heat and power. As we are the first geothermal heat and power project in the UK we feel it is really important that we share this great project with schools and colleges.



The ethos of GEL is to utilise local products and services as much as possible and involve the local community in projects.



We are sympathetic to the natural environment and will endeavor to factor into every geothermal site an area for biodiversity for the sustainability of the local ecosystem.



Drilling activity is planned to minimise the disruption to local communities and to be transparent in all operations.

EDUCATION OBJECTIVES

- enhance curriculum resources
- assist teachers with learning aids
- encourage students to be inquisitive
- open up ideas for future careers
- instil excitement about STEM subjects
- promote equality & diversity
- students think about higher education paths

WHAT WE OFFER

- renewable energy education for all ages and abilities
- geothermal site visits and presentations
- project staff visit schools
- Inspirational assemblies
- "I Love My Job" talks
- **STEM** specific talks
- girls into science talks
- geothermal animations to aid learning
- job personality quiz with future employment suggestions

HOW WE CONNECT WITH SCHOOLS

- direct requests from schools
- request via CIOS careers hub
- requests via inspiring the future
- teacher – business networking events
- attendance at career and skills shows

WHY GEL WORKS WITH SCHOOLS

- encourages young people to continue studying **STEM** subjects
- demonstrate the diverse opportunities in renewable energy industries
- increase awareness of women in renewable energy industries
- access to industry information to raise aspirations of young people

BENEFITS FOR SCHOOLS

- free and unlimited
- geothermal site visit for up to 40 people
- geothermal team visit schools in Cornwall
- connects schools to a local business
- encourage students to study **STEAM** subjects
- meets **Gatsby benchmark 4** – linking curriculum learning to careers

CONTACT US

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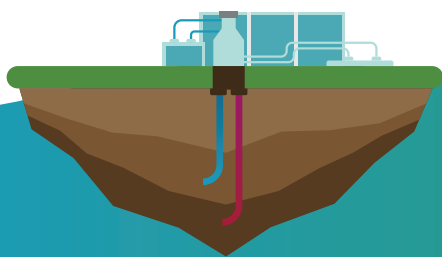
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SECONDARY SCHOOLS & HIGHER EDUCATION

Our animation for secondary schools and higher education explains about geothermal energy with more details about the granite below Cornwall and why it is the best place in the UK for deep geothermal.

Secondary schools and higher education establishments can visit the geothermal site at United Downs or members of the team can visit individual schools/colleges. Both will incorporate a talk about the United Downs Deep Geothermal Power project and view the animation. The remainder of the session will be bespoke to the relevant course that the students are studying. If time allows a fun job personality quiz can be taken to see which area of a geothermal energy project would best suit each student.

PRIMARY SCHOOLS

Our animation teaches why we can't make more fossil fuels and about all the different types of renewable energy sources. The main focus of this animation is to explain about geothermal energy and heat as well as why Cornwall is the best place in the UK to utilise this renewable energy source.

Primary schools can visit the geothermal site at United Downs or members of the team can visit individual schools. Both will incorporate a talk about the United Downs Deep Geothermal Power project, view the animation and complete a fun worksheet to help cement the information the pupils have learnt. If time allows the pupils can play a geothermal matching pairs game.

