



# SHAPE YOUR WORLD

## How the industry links to the curriculum

The minerals and mining industry aligns across multiple curriculum areas and key stages, including:

| Topic                        | Subject                           | Key Stage |
|------------------------------|-----------------------------------|-----------|
| Rocks and minerals           | Science                           | KS2 - KS5 |
| Sustainability and resources | Geography                         | KS2 - KS5 |
| Materials and manufacturing  | Design & Technology               | KS2 - KS5 |
| Renewable energy             | Science / Geography               | KS2 - KS5 |
| Environmental management     | Geography / Environmental Science | KS2 - KS5 |

As well as the direct curriculum links highlighted above, the minerals and mining sector can also support wider learning across subjects and themes including sustainability, climate change, industrial history, geography, engineering, innovation, and problem-solving.

### Key areas of demand include:

- Engineering and maintenance
- Environmental management and sustainability
- Digital and technical skills
- Leadership and operations
- Geology and geoscience
- Surveying and planning
- Health & safety
- STEM-related disciplines

## Supporting Gatsby Benchmarks & Modern Work Experience

Engaging with Minerals Matter is an effective way to support several Gatsby Benchmarks, including:

- **Benchmark 2** – Labour Market Information
- **Benchmark 4** – Linking Curriculum Learning to Careers
- **Benchmark 5** – Encounters with Employers and Employees
- **Benchmark 6** – Experiences of Workplaces

We also work closely with industry partners to highlight changes to work experience programmes and encourage employers to explore more flexible and innovative approaches to providing meaningful workplace experiences.

### Site Visits & Workplace Experiences

Minerals Matter works with employers and education centres across the UK to support safe, engaging and curriculum-linked visits for schools and colleges.

### Support may include:

- Guided educational tours
- PPE guidance
- Careers talks
- Curriculum-linked activities
- Workplace insight sessions (including CPD)



# Careers and pathways

With more than 81,000 people working in the mineral products industry in the UK, across multiple sites and job roles, it's actually a more varied sector to work in than you might think.

This is a collaborative and inclusive industry offering opportunities for teamwork, qualifications, secondments, and travel.

Careers span engineering, geology, environmental science, technology, and sustainable resource management, alongside roles in HR, administration, digital & IT, marketing, finance, planning, and management.

## Academic route

GCSEs → A-levels → university degrees

## Vocational route

GCSEs → T Levels / BTECs → employment or higher education

## Apprenticeships

Level 2–6

As the UK's largest manufacturing industry, we are invested in helping you make the best of your career.

Employers and industry bodies provide personal development and career support to help you progress and grow.



Find out more:

[minerals-matter.co.uk/  
starting-my-career/](https://minerals-matter.co.uk/starting-my-career/)

## Contact us:

 [info@minerals-matter.co.uk](mailto:info@minerals-matter.co.uk)  [@\\_mineralsmatter\\_](https://www.tiktok.com/@_mineralsmatter_)

 [@mineralsmatter](https://www.youtube.com/@mineralsmatter)  [Minerals Matter](https://www.linkedin.com/company/minerals-matter)