STACS CAREERS NEWSLETTER - AUTUMN TERM 2026

Committed Learners | Exceptional People

🚀 Career of the Month: Renewable Energy Engineer

A Renewable Energy Engineer is a highly skilled professional who develops sustainable energy solutions to reduce carbon emissions and create a greener future. This is one of the fastest-growing career sectors in the UK as the country works towards its net-zero targets. Engineers may work on offshore wind farms, solar power projects, battery storage systems and new technologies such as green hydrogen.

- ✓ The job combines science, maths, technology and problem-solving, making it ideal for students who enjoy STEM subjects.
- ✓ Renewable Energy Engineers typically earn around **£45,000 to £50,000 per year**, with experienced professionals often earning much more.
- ✓ Most work around **37 to 40 hours per week**, although project work and site visits can occasionally require extra flexibility.
- ✓ A degree or apprenticeship in engineering, renewable energy or a related field can provide a route into this exciting career.

Did you know? The UK's renewable energy sector already supports over **150,000 jobs**, and thousands more workers will be needed in the coming years to help expand wind, solar and hydrogen energy projects.

Skills needed: Problem-solving, teamwork, creativity, communication, maths, science and technology skills.

💼 Apprenticeship Spotlight

Earn while you learn. Apprenticeships are available from Level 2 to Degree Apprenticeships. Gain qualifications, experience and a salary.

www.amazingapprenticeships.com

UNIFROG- type Apprenticeship into the search tool for information and opportunities.

📊 West Midlands Labour Market

Growth sectors: Advanced Manufacturing, Engineering, Digital & Technology, Health & Social Care, Professional Services, Logistics, Construction and Green Industries.

⭐ Interesting Careers Facts

Many future jobs do not yet exist. Degree apprenticeships are growing. Employers value resilience, teamwork and communication. Most people have multiple careers during their lifetime.

🧭 Why Use Unifrog?
Explore careers, compare pathways, create CVs, track activities and research apprenticeships, universities and labour market information. Parents can create linked accounts.

POST-16 OPTIONS- Sixth Form • College • T Levels • Apprenticeships • Specialist Training. Attend open events and research entry requirements carefully.

POST-18 OPTIONS- University • Higher/Degree Apprenticeships • Employment with Training • Gap Years. Compare costs, progression opportunities and career outcomes.

🔗 USEFUL LINKS

Unifrog: www.unifrog.org
National Careers Service: nationalcareers.service.gov.uk
UCAS: www.ucas.com
Find an Apprenticeship: www.gov.uk/apply-apprenticeship
Amazing Apprenticeships: www.amazingapprenticeships.com
Success at School: www.successatschool.org

Further Information and Contacts

Mrs A. Lavin (Personal Development Lead)
a.lavin@stacs.bham.sch.uk

Mr D. Tehan (Careers Adviser)
d.tehan@stacs.bham.sch.uk

Mrs S. Caherty (Vice Principal - Personal Development)
s.caherty@stacs.bham.sch.uk