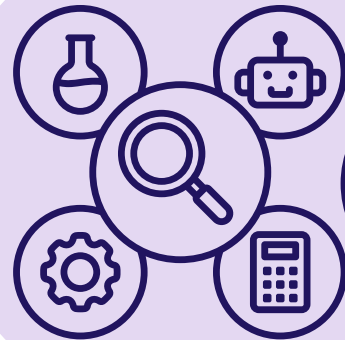


Women in engineering

Only **16.9%** of the engineering and technology work force are women, compared with **56.2%** in other occupations



Interest in STEM careers

Top 3 environmental topics young people are interested in
42% climate change
31% biodiversity loss
22% air pollution

Science

44% Girls

47% Boys

Technology

23% Girls

52% Boys

Engineering

29% Girls

63% Boys

Maths

32% Girls

45% Boys

21% representation engineering and technology

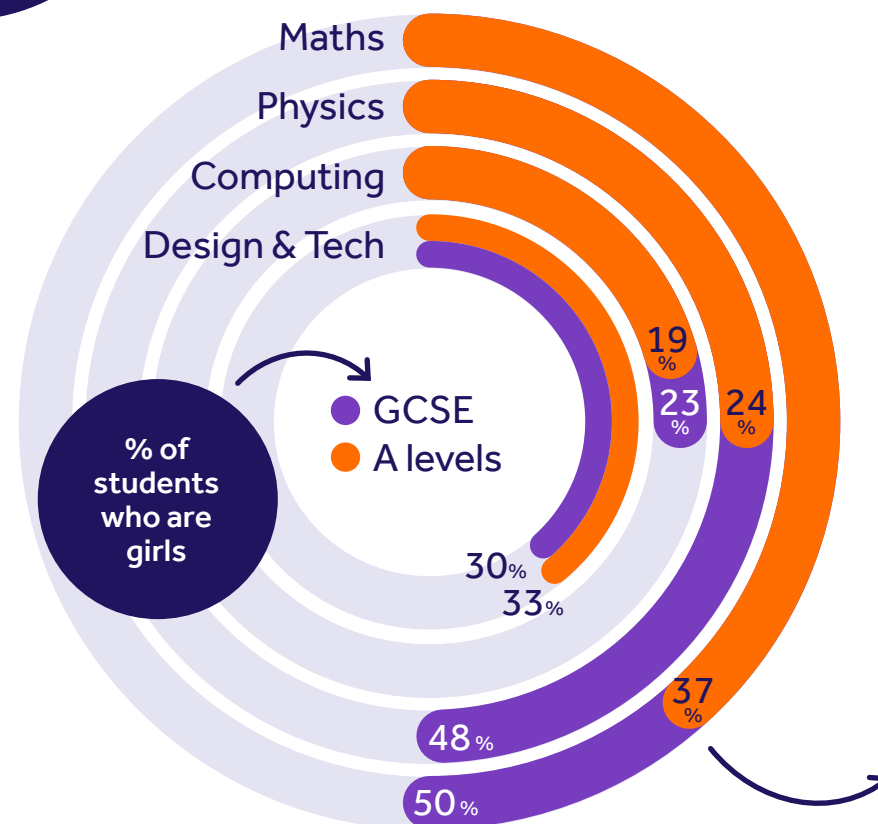
A higher proportion of women working in engineering and technology are from **ethnic minority background** compared to other occupations:

17% in other occupations

Engineering and technology occupations

All other occupations combined

Ethnicity	Engineering and technology occupations	All other occupations combined
Asian	8%	9%
Black	3%	5%
Mixed ethnic groups	1%	2%
Other ethnic groups	2%	2%
White	86%	83%



12% of girls say **being an engineer fits well with who they are** compared with 38% of boys



Interest in schools science for girls has declined since 2019 **75% to 65%** while boys have remained consistent

36% of girls say science is **not for them** compared with 30% of boys

16% of girls think engineering is **suitable for them** compared with 44% boys



Girls make up half of those taking maths and physics GCSE, **but this drops at A level: 37% maths and 24% physics**

At just under 17% of the workforce, women are the most underrepresented group in engineering and technology. Girls drop out of engineering and tech pathways throughout education and are much less interested in these careers than boys.

18% of students starting **undergraduate engineering degrees** were women, compared to 56% across all subjects



Proportion of first year engineering undergraduates who are female

Chemical, process and energy engineering	29%
Civil engineering	22%
General engineering	21%
Aeronautical and aerospace engineering	14%
Electronic and electrical engineering	14%
Mechanical engineering	12%
Production and manufacturing engineering	11%

12% of **engineering T Levels** entries were girls, compared to 46% across all subjects



17% of **engineering apprenticeship** starts were by women, compared to 52% across all subjects

