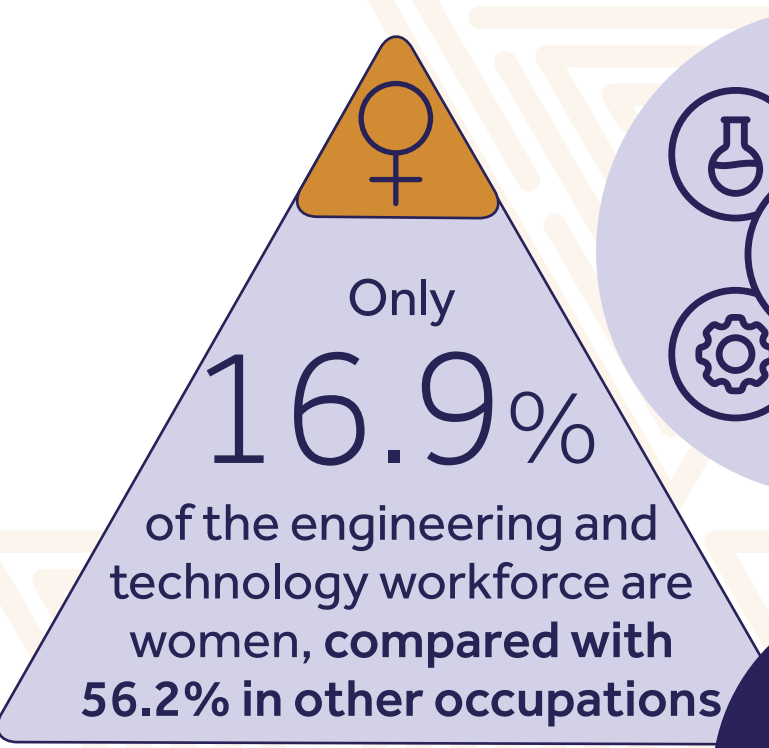


Women in engineering and tech

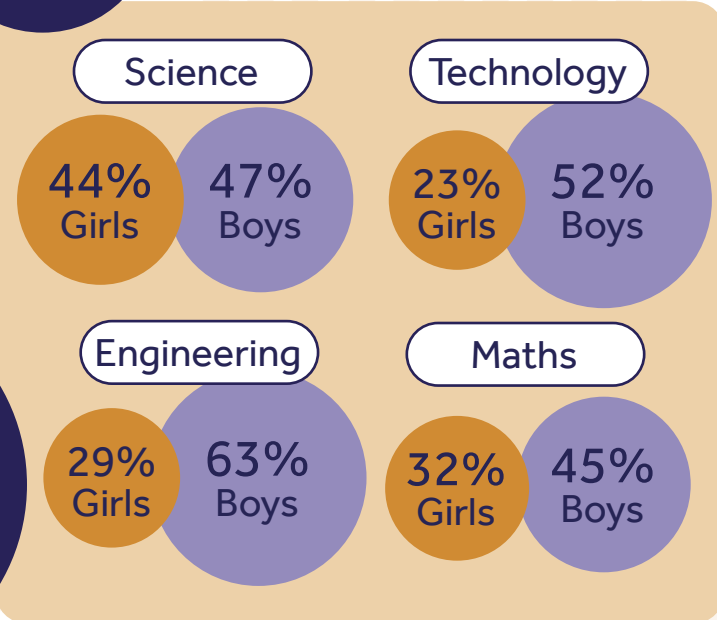


A higher proportion of women working in engineering and technology are from **UK minority ethnic backgrounds** compared to other occupations:

Ethnicity	Engineering and technology occupations		All other occupations combined
Asian	13%	8%	
Black	4%	5%	
Mixed ethnic groups	2%	2%	
Other ethnic groups	2%	2%	
White	79%	83%	

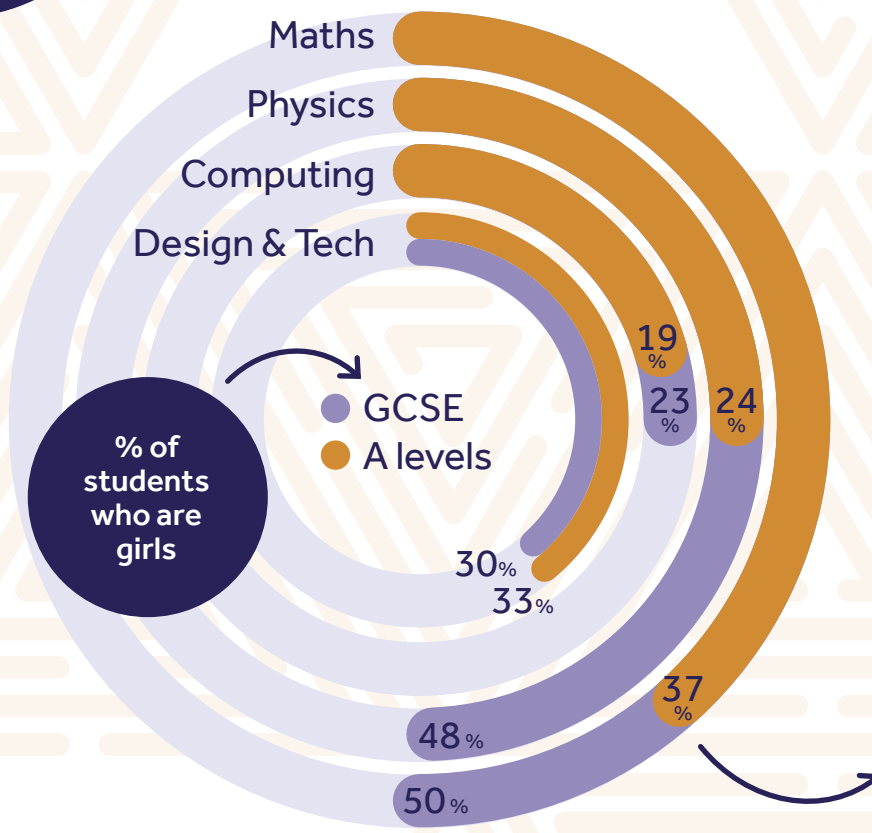


Top 3 environmental topics girls are interested in:
47% climate change
37% biodiversity loss
21% sustainable fashion



21% representation engineering and technology

17% in other occupations



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 are 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