

The future of jobs

in design and technology



Design and technology teaches you about the process of designing products, from developing design solutions to prototyping and manufacture. It makes you an excellent problem solver and creative thinker.

Subject skills:



Collaboration



Creativity



Methodical thinking



Problem solving



Research



CONSTRUCTION & PROPERTY › GREEN BUILDING DESIGNER

- New buildings must prioritise nature-based solutions to improve biodiversity and be climate resilient and energy efficient.
- You'll design eco-friendly buildings using sustainable materials and construction methods which minimise energy use.
- The UK government wants to halve energy use by new buildings by 2030 to help achieve net-zero carbon emissions by 2050.

Subject skill

Research: You'll need to research and understand the latest sustainable materials and construction methods for your projects.



IT & THE INTERNET › AUGMENTED REALITY (AR) DESIGNER

- You'll design apps, graphics and multimedia content that adds additional virtual information to a physical environment.
- AR designers were named as one of the 20 most in-demand creative, digital and marketing professionals in 2019.
- The global AR industry is predicted to grow by 46.6% per year to become a \$72.7 billion industry by 2024.

Subject skill

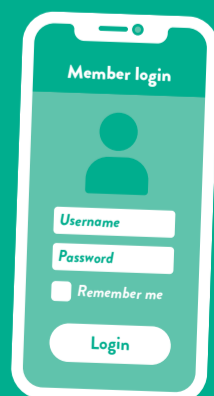
Creativity: You'll think up ways to integrate the virtual with the physical to produce content that is useful, practical and enjoyable.

How will the most popular industries for design and technology graduates change?

Advertising, marketing and PR › More and more creative agencies are hiring digital art directors.

Art and design › Many jobs in the arts and creative industries have been hit by the Covid pandemic.

Media › Organisations' most successful social media posts include visual content created by designers.



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