



Design & Technology Vision

At Newport, our vision for Design and Technology is to inspire all pupils to become creative, resilient and reflective problem-solvers who can design and make products that improve the world around them. Through hands-on, purposeful learning, pupils develop practical skills, technical knowledge and the confidence to innovate, evaluate and take risks, preparing them for life in a diverse and ever-changing society.

We celebrate the rich cultural diversity of our school and community by exposing pupils to a wide range of design influences, materials, traditions and global perspectives, ensuring that every learner sees themselves represented within the curriculum and is empowered to contribute their ideas.

How Design & Technology Promotes SMSC

Spiritual Development

- Encourages creativity, curiosity and imagination through designing and making.
- Provides opportunities to reflect on ideas, processes and outcomes, fostering a sense of pride and achievement.
- Inspires awe and wonder in how products are developed and how design shapes the world.

Moral Development

- Develops understanding of ethical responsibility in design (e.g. sustainability, fair trade, environmental impact).
- Encourages pupils to consider the needs of others when designing products, promoting empathy.
- Teaches pupils to evaluate honestly, make responsible decisions and learn from mistakes.

Social Development

- Promotes collaboration and teamwork through group projects and shared problem-solving.
- Builds communication skills as pupils present, explain and justify their ideas.
- Encourages respect for others' viewpoints and fosters a sense of community and shared achievement.

Cultural Development

- Celebrates diverse design traditions, cuisines, technologies and innovations from around the world.
- Helps pupils understand how design reflects identity, culture and values.

- Prepares pupils to participate positively in a multicultural society, respecting differences and embracing diversity.

In Practice at Newport

- A curriculum that reflects local context and global influences.
- Opportunities for real-world problem solving linked to the community.
- Inclusive projects where all pupils can succeed and express identity.
- A strong focus on sustainability and responsible design.