

D&T Intentions



DIVERSITY



Diversity in our Curriculum



Year 7

- Careers: Graphic designer/illustrator/draughtsperson/chef/ designer
- Culture: Memphis group (form over function)
- Designers/Icons: Philippe Starck/
- Community: Links to client when designing. Organisational topic.
- History: History of clocks. Memphis designers including Ettore Sottsass and Philippe Starck.
- Current affairs: Sustainability., gender equality in engineering/manufacturing.
- Manufacturing: Mixture of traditional and modern equipment and processes including using coping saw
- Materials - Timber (Hardwoods,Softwoods,Manufactured)/Paper and board, nutritional ingredients..

Year 8

- Careers: Electrician/Oil rigs/draughtsperson/chef/ fashion designer/nutritionist
- Culture: Biomimicry (products inspired by nature-links to sports, transport and clothing/fashion)
- Designers/Icons: James Dyson/Harry Beck/Coco Chanel/Jef Koons/Vivienne Westwood/Edouard Heuer/Jon Burgerman
- Community: Client led designing. Links to client when writing a design brief and specification. Inclusivity topic.
- History: History of electronics/electricity. Basic knowledge of Faraday and electricity.
- Current affairs: Plastic pollution and global warming/automation.
- Manufacturing: Mixture of traditional and modern equipment and processes including soldering and flow soldering.
- Materials - Textiles/Polymers.

Year 9

- Careers: 3D artist/joiner/chef/ designer/Engineer/nutritionist
- Culture: Abstract (Keith Haring) LGBTQAI+/ Modern processing
- Designers/Icons: Elon Musk/Jonathan Ive/Stanley William Hayter
- Community: Links to client when designing.
- History: History of design, Harry Beck. Keith Haring Art history.
- Current affairs: Renewable energy and alternative fuels., gender equality in engineering/manufacturing.
- Manufacturing: Mixture of traditional and modern equipment and processes including corrugated cardboard and MDF.
- Materials - Metals/Smart and modern materials/Mixed media

Year 10

- Careers: Artist/illustrator/travel photographer/architect/craftsperson/sculptor/critic/ journalist/ designer
- Culture: Multi cultural cuisine.
- Topics: Design Principles/Making principles/Technical principles covered across specifications.,
- Community: Links to local colleges/ competitions for age groups displayed in school and on SM/ Local systems and control.
- History: Design History to cover Artists, designers, architects, craftspersons from history relevant to skills and styles taught
- Current affairs: Personal responses and environment.
- Manufacturing - Mix of traditional and modern equipment and processes including vacuum forming/casting/injection moulding
- Materials - Concrete (composite)/Timber/Polymers/Smart/metals, textiles and technical textiles.

Year 11

- Teachers will aim to give topic titles that inspire students to independently research and cultivate ideas from a range of different careers, cultures, genders, eras, community experiences and current affairs. Coursework and Exam requirements are set externally by AQA.