

TRANSITION

SUBJECT

Design & Technology

HEAD OF DEPARTMENT

Mr. Hewitt

WORK/TOPICS COVERED IN THE FIRST TERM

Design & Technology (2 lessons per week)

First term

In each rotation students will use key design principles indicated below -

- Designers past & present
- Decode design – What is good design? – Design principles
- Iterative Design strategies - Sketching for inspiration and communication
- ‘Making skills’ in a variety of specialist areas

Design & Technology Rotation

- This is an opportunity to work in our specialist subjects areas and include; Food & Nutrition, Resistant Materials, Systems & Control, Graphics and Textiles. In these areas you will complete a wide range of Design and Make assignments, where you will be introduced to key subject knowledge and practical skills.

SOME ADDITIONAL SOURCES/SUGGESTIONS THAT YOU MAY WISH TO ACCESS TO HELP YOU TO PREPARE FOR SEPTEMBER

- BBC Bitesize KS3 Design & Technology.
<https://www.bbc.co.uk/bitesize/subjects/zfr9wmn>
- BBC Bitesize D&T
<https://www.bbc.co.uk/bitesize/guides/zvgvgdm/revision/1>
Design Museum – What is good design – Dieter Rams 10 principles.
<https://designmuseum.org/discover-design/all-stories/what-is-good-design-a-quick-look-at-dieter-rams-ten-principles>
- Product evolution - Coca Cola Bottle
https://youtu.be/ll1_WYQRpps
- Pop up Paper mechanics
https://www.youtube.com/playlist?list=PL8nlhy_t6SbIMIRvNA9y2b4ZcXPdkBMv9
- Technology Student - An excellent free online web resource.
<http://www.technologystudent.com/>

Textbooks for D&T:

- Title: KS3 Design & Technology Study. Publisher: CGP. Cost: £4:95 ISBN: 9781841467207
- Title: Exploring Design and Technology for Key Stage. Publisher: Hodder Education. Cost: £16:99 ISBN: 9781510481343
- Or 12 month online eBook: Exploring Design and Technology for Key Stage 3 Student eTextbook. Publisher: HodderEducation. Cost: £4.25. ISBN: 9781510481374