## Curriculum Overview

Subject: DT

Year Group: 10



Students are working in line with the AQA GCSE Design Technology specification. Developing core technical principles to demonstrate a breadth of technical knowledge and understanding. Specialist technical principles to assess a more in depth knowledge of technical principles. Designing and making principles. Students will be working towards developing their practical skills in all areas, extending on prior knowledge in polymers, timbers, textiles, papers and boards and metals. Students will focus on two key areas in more depth; timbers, papers and boards.

This is taught through a mix of theory and practical sessions following the SOW.

GE/SKILLS g skills and marquetry, the 6 Rs, scales of selection of materials and components, and allowances, material management g out, specialist tools and, equipment, and processes, surface treatments and EA task.
SSMENTS
: Unit 4 Assessment
Unit 7 Assessment. Mock exam
2:

Extended reading suggestions and external resources:

https://www.theguardian.com/environment/2016/jun/25/illegal-logging-amazon-timber-tougher-laws-british-products

https://www.theguardian.com/world/2015/sep/17/illegal-timber-myanmar-china-forests

https://www.youtube.com/watch?v=luygMuoFnXs

https://www.youtube.com/watch?v=NvbgwdTGoyo

https://www.youtube.com/watch?v=7pNWI1dcbg4

https://www.youtube.com/watch?v=SLUcVh 4wIM

https://www.youtube.com/watch?v=UGnDzE9mfUc

https://www.youtube.com/watch?v=eF5LVBW1vl8

https://www.youtube.com/watch?v=P9KPJIA5yds https://www.youtube.com/watch?v=3RUE367Sb9A

https://www.youtube.com/watch?v=CBmsOvbGh-Y

https://www.youtube.com/watch?v=fcBXtwGexNc

https://www.bbc.co.uk/news/science-environment-39217985

https://www.youtube.com/watch?v=I8nMKH3y\_1I

https://www.youtube.com/watch?v=ALWwK7Vz4gY

https://www.bbc.co.uk/news/business-38472652

https://www.theguardian.com/world/2016/sep/19/waste-not-want-not-sweden-tax-breaks-repairs

https://www.bbc.co.uk/news/science-environment-37902773

https://www.bbc.co.uk/news/business-38263177

https://www.youtube.com/watch?v=ftj23FRS2LI

https://www.youtube.com/watch?v=BOo8gxp3K3w

https://www.youtube.com/watch?v=BqkekY5t7KY

https://footprint.wwf.org.uk/#/

https://www.youtube.com/watch?v=BtBLXII2FNE

https://www.rapidonline.com/pdf/87-2330S v2.PDF

https://www.youtube.com/watch?v=mz6i1RXNgjs