

KS3 Curriculum Overview 2024-25

Subject: DESIGN TECHNOLOGY

Rationale of KS3 Curriculum:

Quickly gauge student's prior knowledge and appreciation allowing students to make rapid progress
 Build on prior learning by building curriculum around the skills needed to help them understand a basic materials with practical learning on how to create good quality product.
 Allow opportunity for pupil to make tool selection and gain understanding of wood
 It encourages students to expand cooking skills for later learning.
 The content topics have been used so pupils can link prior knowledge and build on the skills learnt in practical's to night light.
 The Electronics unit will not just help pupils gain a understanding for how electricity works but also help them understand how components function which would help them in the future.
 There will be a focus on who the comparison to products already in production
 Planned cultural capital will be woven throughout.

Sequence of Learning:

KS3	Term 1	Term 2	Term 3
Year 7	Wood: wooden jigsaw	Wood: wooden jigsaw	Wood: wooden jigsaw
Year 8	Metal: Electronics: Night light	Metal: Electronics: Night light	Metal: Electronics: Night light
Year 9	Plastic: mechanisms – automata	Plastic: mechanisms – automata	Plastic: mechanisms – automata