Technology

Resistant Materials Technology

*Students follow the **Key Stage 3 Programme of Study for Design & Technology** that involves designing & making tasks. Work is continually assessed through informed observation, questioning and worksheets. Students learn and develop a variety of skills; free-hand sketches, tonal rendering, perspective and isometric drawing, 3D modelling, research & analysis, developing ideas, planning and evaluation. Practical work will involve knowledge & understanding of tools and shaping materials correctly. Students follow a number of projects which are designed to cover the skills from the Programme of study. Each project is awarded a level on completion.*

Project planning

Year Group	Autumn Term		Spring Term		Summer Term	
KS3	1st Half	2nd Half	1st Half	2nd Half	1st Half	2nd Half
US1	Sketch up project	Project: Pencil Holder	Project: Key Fob /badge	Structure Project	Movi Projectng Toy	Moving Toy Project
US2	Sketch up project	Project: Pencil Holder	Project Structure	Project: Key Fob /badge	Movi Projectng Toy	Moving Toy Project
US3	Sketch up project	Project: Pencil Holder	Project: Key Fob /badge	Project: Fob Key	Frame Structure	Frame Structure
US4	2D & 3D Shapes & Properties Project	Project: Desk Tidy	Project Photo Frame Structure	Project key Fob	Project Clock	Project Clock
US5	Unit Award Scheme	Unit Award Scheme	Unit Award Scheme	Unit Award Scheme	Unit Award Scheme	Unit Award Scheme