

	MICHAELMAS 1	MICHAELMAS 2	LENT 1	LENT 2	TRINITY 1	TRINITY 2
YEAR 7	Introduction to Polymers. Thermoplastics: “Acrylic Keyring” Health and Safety Tools and Equipment	Introduction to Polymers. Thermoplastics “Acrylic Keyring” Health and Safety Tools and Equipment	Introduction to Polymers. Thermoplastics “Acrylic Keyring” Health and Safety Tools and Equipment	Motors and Mechanisms. Hardwood, Softwood and Manufactured board: “Linkage Toy” Marionette. Health and Safety Tools and Equipment	Motors and Mechanisms. Hardwood, Softwood and Manufactured board: “Linkage Toy” Marionette. Health and Safety Tools and Equipment	Motors and Mechanisms. Hardwood, Softwood and Manufactured board: “Linkage Toy” Marionette. Health and Safety Tools and Equipment
YEAR 8	Introduction to Alloys. Ferrous and Non-Ferrous metals: “Pewter Casting” Health and Safety Tools and Equipment	Introduction to Alloys. Ferrous and Non-Ferrous metals: “Pewter Casting” Health and Safety Tools and Equipment	Introduction to Alloys. Ferrous and Non-Ferrous metals: “Pewter Casting” Health and Safety Tools and Equipment	Properties of Materials Sustainability Technical Truss Bridge Challenge Isometric drawing	Properties of Materials Sustainability Technical Truss Bridge Challenge Isometric drawing	Properties of Materials Sustainability Technical Truss Bridge Challenge Isometric drawing
YEAR 9	Properties of Materials Engineering Disciplines Technical Challenge	Electrical/Electronic Engineering.	Practice Synoptic Assessment: “LED Table Lamp” 6 hours	Practice NEA Coursework 12 Hours	Perspective Drawing practice	Street View modelling
YEAR 10	Properties of Materials Technical Challenge: Polymers/Alloys/Timber	Engineering Disciplines Health and Safety legislation at work COSHH RIDDOR	Practice Synoptic Assessment: LED “Hydraulic Excavator” 6 hours	Practice NEA Coursework 12 Hours	High skill practical/Workshops.	Theory and Exam practice

	MICHAELMAS 1	MICHAELMAS 2	LENT 1	LENT 2	TRINITY 1	TRINITY 2
YEAR 11	Properties of Materials Engineering Disciplines Technical Challenge	Properties of Materials Engineering Disciplines Technical Challenge	NEA introduced. Tasks 1 - 4	NEA Cont. Tasks 4 – 6 Submission April 29 th . Exam Practice/Recap on Content Areas 1-9	Theory: Exam Practice/Recap on Content Areas 1-9	