

Curriculum Overview

Subject: Design and Technology



**ST MARY'S
COLLEGE**

	HT1	HT2	HT3	HT4	HT5	HT6
Year 7	Core skills (basic design skills)	Packaging (nets and logo designs for sandwich packaging)	Packaging (nets and logo designs for sandwich packaging)	Sign making (using CAD and workshop skills to design and make shop front signs)	Sign making (using CAD and workshop skills to design and make shop front signs)	Food (cous cous, bread, muffins, peri chicken)
Year 8	Woodwork (Storage box)	Woodwork (Storage box)	Food (Granola, veggie muffins, fruit crumble)	Food (mac 'n' cheese, egg fried rice, bean burgers)	Textiles (Day of the Dead phone case)	Textiles (Day of the Dead phone case)
Year 9 Creative project including art, photography and DT	Identity and Culture	Identity and Culture	Form and Function	Form and Function	Environment and Impact	Environment and Impact
Year 10	<ul style="list-style-type: none"> New and emerging technologies Energy generation and storage Developments in new materials 	<ul style="list-style-type: none"> Mechanical devices Materials and their working properties Introducing CAD and workshop skills 	<ul style="list-style-type: none"> Materials and components Forces and stresses Ecological and social footprint Workshop skills 	<ul style="list-style-type: none"> Sources and origins Electronics and mechanical systems Scales of production Workshop skills 	<ul style="list-style-type: none"> Designing and making principles Scales of production 	<ul style="list-style-type: none"> NEA section A – Identifying and investigating design possibilities
Year 11	NEA sections B and C – Producing and design brief and specification and generating design ideas	NEA section D and E – Developing design ideas and making a prototype	NEA section F – Analysing and evaluating	Revision	Revision	Revision

