



Sir William Ramsay School

EMPOWERING EVERYONE TO ACHIEVE



2017/18	Autumn 1		Autumn 2		Spring 1		Spring 2		Summer 1		Summer 2
Yr 10 Design & Technology (New Spec)	Course Understanding, tools and equipment, safety in the workshop, CAD/CAM, how to use PowerPoint, measuring & marking, 2D Design, Google Sketchup, how to draw/sketch free hand, isometric, oblique, 3rd angle orthographic	Yr 10	Unit 1 - New & Emerging Technologies and Practice NEA AO1	Yr 10	Unit 5 - Specialist Material Area and Practice NEA AO2	Yr 10	Unit 3 - Materials & Their Working Properties and Practice NEA AO2	Yr 10	Unit 6 - Specialist Material Area and Practice NEA AO2	Yr 10	Unit 7 - Specialist Material Area and Practice NEA AO3
Yr 10 Food & Nutrition	Nutrition & nutrition based practicals	Yr 10	Nutrition & nutrition based practicals	Yr 10	Nutritional needs and food science & appropriate practicals including investigations	Yr 10	Nutritional needs and food science & appropriate practicals including investigations	Yr 10	Food safety & improving food presentation skills.	Yr 10	Food provenance & practice NEA 1&2
Yr 10 Engineering	Either Unit 1 & Unit 2 across the whole year or Unit 7 across the whole year	Yr 10	Either Unit 1 & Unit 2 across the whole year or Unit 7 across the whole year	Yr 10	Either Unit 1 & Unit 2 across the whole year or Unit 7 across the whole year	Yr 10	Either Unit 1 & Unit 2 across the whole year or Unit 7 across the whole year	Yr 10	Either Unit 1 & Unit 2 across the whole year or Unit 7 across the whole year	Yr 10	Either Unit 1 & Unit 2 across the whole year or Unit 7 across the whole year
Yr 11 Design & Technology (New Spec)	NEA AO1 - Section A - Identifying & investigating design possibilities (10 Marks) AO1 - Section B - Producing a design brief & Specification (10 Marks) AO2 - Section C - Design & make prototypes that are fit for purpose: Generating design ideas (20 marks)		Unit 2 - Energy , materials, systems and devices AO2 - Section D - Design & make prototypes that are fit for purpose: Developed design ideas (20 marks)		Unit 2 - Energy , materials, systems and devices Unit 4 - Common specialist and technical principles AO2 - Section D - Design & make prototypes that are fit for purpose: Developed design ideas (20 marks)		Unit 4 - Common specialist and technical principles Revision AO2 - Section D - Design & make prototypes that are fit for purpose: Developed design ideas (20 marks) AO3 - Section F - Analyse & evaluate (20 marks)		Revision		Revision
Yr 11 Design & Technology (Old Spec)	Completion of practical	Yr 11	Coursework folders	Yr 11	Coursework Folders & Revision	Yr 11	Revision	Yr 11	Revision	Yr 11	Revision
Yr 11 Engineering	Either Unit 1 & Unit 2 across the whole year or Unit 7 across the whole year	Yr 11	Either Unit 1 & Unit 2 across the whole year or Unit 7 across the whole year	Yr 11	Either Unit 1 & Unit 2 across the whole year or Unit 7 across the whole year	Yr 11	Either Unit 1 & Unit 2 across the whole year or Unit 7 across the whole year	Yr 11	Either Unit 1 & Unit 2 across the whole year or Unit 7 across the whole year	Yr 11	Either Unit 1 & Unit 2 across the whole year or Unit 7 across the whole year
Yr 11 Food & Nutrition	NEA 1 - Food investigation	Yr 11	Revision of Y10 content relating to the mock and NEA 2	Yr 11	NEA 2 & Revision	Yr 11	NEA 2 & Revision	Yr 11	NEA 2 & Revision	Yr 11	Revision