
 NORTH DURHAM ACADEMY	DT Rotation 1	DT Rotation 2	DT Rotation 3	DT Rotation 4
Year 7	Food preparation and nutrition: Bronze level chef de partie	Design & make task Maze / Keyring	Design & make task Pop up card	Coding micro bit / Robots.
Year 8	Food preparation and nutrition: Silver level Executive Chef	Design & make task Picture frame	Design & make task Action figure design	Design & make task Coat hook
Year 9	Food preparation and nutrition: Gold Level	Design & make task Joining cor- ner box	Design & make task Speaker	Multi-Cultural Cuisines

 NORTH DURHAM ACADEMY	Autumn Term		Spring Term		Summer Term	
	Practical Activity	Theory Focus	Practical Activity	Theory Focus	Practical Activity	Theory Focus
<b>Year 10</b>	<u><b>Night light – RM</b></u>  1.possible projects 3.Client profile- location 7. Specification 8. Initial ideas/annotations 13. Sketch up design sheet 17.third angle projection 20.testing and evaluating 21.Evaluation against specification	<u><b>Design and make principals</b></u>  DT GCSE Lesson focus covering:  Informing design decisions  Investigating Primary & secondary resources  Communication of design ideas  Design strategies  Selection of materials and components  Tools, equipment & techniques	<u><b>Cracket project – RM</b></u>  2. Existing products 6.design brief 8. Initial ideas/annotations 10.Evaluation of initial ideas 18.Manufacturing specification 20.Testing and evaluating 22.Evaluation risk changes	<u><b>Core Principals - Industrial Practice</b></u>  DT GCSE Lesson focus covering:  Industry & Enterprise  Sustainability and the environment  People Culture and systems  Production techniques and systems  Energy generation  Energy storage  Tolerance	<u><b>Pre-prepared NEA sheets</b></u>  1.Materials 2.Joining methods 3.Finishing methods 4. Handle /hinge manufacture.  <u><b>Begin NEA</b></u> <b>1. Possible projects</b> <b>2. Existing products</b> <b>3. Client profile/ location</b> <b>4. Product analysis</b> <b>5. Design brief</b> <b>6.Design specification</b>	<u><b>Specialist Technology's</b></u>  . DT GCSE Lesson focus covering:  Modern materials  Smart materials  Composite materials  Electronic systems processing  Mechanical devises  Materials Management  20.Surface treatment
<b>Year 11</b>	<u><b>Controlled assessment-</b></u>  Identifying/Investigating  Generation of ideas  Design development	<u><b>Design and Making principles</b></u>  Work in CGP Exam practice work book (section 8 in CGP Exam practice work book).  <u><b>Core technology principles</b></u>  Work in CGP Exam practice work book (section 1, 2, 3 in CGP Exam practice work book).	<u><b>Controlled assessment-</b></u>  Making /realization  Evaluating	<u><b>Specialist technologies</b></u>  Work in CGP Exam practice work book. (Section 4,5,6,7 in CGP Exam practice work book).		<u><b>Math's within tech</b></u>  <u><b>Science within tech</b></u>  Work in CGP Exam practice work book. Completing any outstanding units.