

Y11 - 10 week provision plan to maximise achievement (taking into account the new information from the exam boards)

Class teacher: DSc

Class: 11DT/B-1

Week	Lesson content (Knowledge and skills)	HW and Revision	Assessment
1	NEA Completion - 4.4.4.6 Section F: Analysing and evaluating – Focus on evaluation against the specification.	Evaluation of the final prototype – personal, peers and ‘others’. Gathering feedback to highlight potential areas for improvement to inform evaluation tasks.	Assessment of the NEA against the criteria in the specification for 4.4.4.6 Section F: Analysing and evaluating
2	NEA Completion - 4.4.4.6 Section F: Analysing and evaluating – Focus on testing of the final prototype.	Whilst the content in the ‘focus of the exam’ is the centre of class work, the other content will also appear in lower tariff questions etc therefore this will be the homework focus. This week the focus will be GCSE Pods related to: 3.1.1 New and Emerging Technologies	Assessment of the NEA against the criteria in the specification for 4.4.4.6 Section F: Analysing and evaluating
3	NEA Completion - 4.4.4.6 Section F: Analysing and evaluating – Focus on the development of further proposed modifications	Whilst the content in the ‘focus of the exam’ is the centre of class work, the other content will also appear in lower tariff questions etc therefore this will be the homework focus. This week the focus will be GCSE Pods related to: 3.1.2 Energy Generation and Storage 3.1.3 Developments in New materials	Assessment of the NEA against the criteria in the specification for 4.4.4.6 Section F: Analysing and evaluating
4	Exam Prep Focus – 3.2.1 Selection of Materials or Components – How material/component selection can be influenced by functionality, aesthetics, environmental factors, availability, cost, social factors, cultural factors and ethical factors	Whilst the content in the ‘focus of the exam’ is the centre of class work, the other content will also appear in lower tariff questions etc therefore this will be the homework focus. This week the focus will be GCSE Pods related to: 3.1.4 Systems approach to designing 3.1.5 Mechanical devices	Past paper questions relating to 3.2.1 Selection of Materials or Components with focus on review of both content, (identifying misconceptions etc) and technique for the question type.
5	Exam Prep Focus – 3.2.3 Ecological and Social Footprint – Including, Ecological issues in the design and manufacture of products, the six Rs, and social issues in the design and manufacture of products	Whilst the content in the ‘focus of the exam’ is the centre of class work, the other content will also appear in lower tariff questions etc therefore this will be the homework focus. This week the focus will be GCSE Pods related to: 3.1.6.1 Material Categories	Past paper questions relating to 3.2.3 Ecological and Social Footprint with focus on review of both content, (identifying misconceptions etc) and technique for the question type.
6	Exam Prep Focus – 3.2.8 Specialist Techniques and Processes – including the use of production aids, tools, equipment and processes, tolerance, commercial processes, and quality control	Whilst the content in the ‘focus of the exam’ is the centre of class work, the other content will also appear in lower tariff questions etc therefore this will be the homework focus. This week the focus will be GCSE Pods related to:	Past paper questions relating to 3.2.8 Specialist Techniques and Processes with focus on review of both content, (identifying misconceptions etc) and technique for the question type.

		3.1.6.2 Material Properties 3.2.2 Forces and Stresses	
7	Exam Prep Focus – 3.3.2 Environmental, Social and Economic Challenge – including the environment, social and economic challenges that influence design and making, e.g.: <ul style="list-style-type: none"> • deforestation • possible increase in carbon dioxide levels leading to potential global warming • the need for fair trade. 	Whilst the content in the ‘focus of the exam’ is the centre of class work, the other content will also appear in lower tariff questions etc therefore this will be the homework focus. This week the focus will be GCSE Pods related to: 3.2.4 Sources and Origins 3.2.5 Using and Working with Materials	Past paper questions relating to 3.3.2 Environmental, Social and Economic Challenge with focus on review of both content, (identifying misconceptions etc) and technique for the question type.
8	Exam Prep Focus – 3.3.5 Communication of Ideas – reviewing techniques including freehand sketching, isometric and perspective, 2D and 3D drawings, system and schematic diagrams, exploded diagrams, working drawings, computer-based tools, (and modelling in Week 9).	Whilst the content in the ‘focus of the exam’ is the centre of class work, the other content will also appear in lower tariff questions etc therefore this will be the homework focus. This week the focus will be GCSE Pods related to: 3.2.6 Stock Forms, Types and Sizes 3.2.7 Scales of Production	Past paper questions relating 3.3.5 Communication of Ideas with focus on review of both content, (identifying misconceptions etc) and technique for the question type.
9	Exam Prep Focus – 3.3.6 Prototype Development – including how prototypes support the design processes.	Whilst the content in the ‘focus of the exam’ is the centre of class work, the other content will also appear in lower tariff questions etc therefore this will be the homework focus. This week the focus will be GCSE Pods related to: 3.2.9 Surface Treatments and Finishes	Past paper questions relating to 3.3.6 Prototype Development with focus on review of both content, (identifying misconceptions etc) and technique for the question type.
10	Exam Prep Focus – 3.3.9 Material Management – Including how to cut materials efficiently and minimise waste, and how to use appropriate marking out methods, data points and coordinates.	Whilst the content in the ‘focus of the exam’ is the centre of class work, the other content will also appear in lower tariff questions etc therefore this will be the homework focus. This week the focus will be GCSE Pods related to: 3.3.1 Investigation, Primary and Secondary Data 3.3.4 The Work of Others	Past paper questions relating to 3.3.9 Material Management with focus on review of both content, (identifying misconceptions etc) and technique for the question type.