

NEA & Theory

Cycle 5

Year 11



Work completed: BLACK pen.

Teacher assessment—RED pen

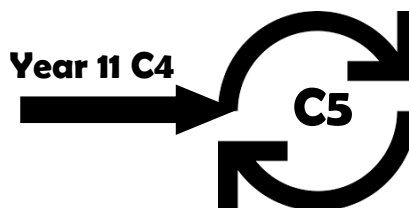
Student assessment/improvements—GREEN pen

RECALL activities—BLUE pen

Name

Teaching Group

Teacher



Key Stage 5

Leadership Tasks carried out: *(tick existing or add others)*

Cycle 1 Chosen Student Leader? - Yes No

RECALL task planner

Led a team

Demonstrated a practical task

Created a plenary

Presented to class

Explained a topic to others

Helped my peers

.....

.....

CYCLE 5—THEORY AND REVISION

Week	Content	Completed?
1&2	<p>Targeted Revision based on weaknesses identified in exam analysis</p> <p>Lesson 1</p> <ul style="list-style-type: none"> • READ DECODE PLAN ANSWER • Focus on 6-8 mark long response questions, peer assess, show exemplar answers <p><i>Homework 1: Complete the long response exam question using RDPA</i></p> <p><i>Challenge: Make you own mark criteria for the question</i></p> <p><i>Further Challenge: Mark you work and explain how you justified the mark</i></p> <p>Lesson 2—FULL REVISION LESSON</p> <ul style="list-style-type: none"> • READ DECODE PLAN ANSWER—Review HW • Focus on 6-8 mark long response questions, peer assess, show exemplar answers <p>Lesson 3</p> <ul style="list-style-type: none"> • EXAM QUESTION COMMAND WORDS • Looking at a range of questions and understanding the command words <p><i>Homework2: Compose 5 Multiple choice questions</i></p> <p><i>Challenge: Compose a question to test you peers manufacturing techniques knowledge</i></p> <p><i>Further Challenge: Create the mark scheme for the above questions</i></p> <p>Lesson 4</p> <ul style="list-style-type: none"> • FULL REVISION LESSON <p>Targeted Revision based on weaknesses identified in exam analysis</p> <p>Lesson 5</p> <ul style="list-style-type: none"> • FULL REVISION LESSON <p>Targeted Revision based on weaknesses identified in exam analysis</p> <p>Lesson 6</p> <ul style="list-style-type: none"> • FULL REVISION LESSON <p>Targeted Revision based on weaknesses identified in exam analysis</p> <p><i>Homework 3: Complete exam questions</i></p> <p><i>Challenge: Self assess your responses</i></p>	<p>Y / N EFFORT</p>

Why are we developing our analytical & evaluation skills?



You are enhancing your skills so that you:

- ◆ Can begin to work more
- ◆ independently and accurately self assess yourself regularly
- ◆ Can work more effectively towards your target grade
- ◆ Analytical and evaluation skills are needed for both the NEA & exam

CYCLE 5—THEORY AND REVISION

Week	Content	Completed?	
		Y / N	EFFORT
3&4	<p>Lesson 7</p> <ul style="list-style-type: none"> FULL REVISION LESSON <p>Targeted Revision based on weaknesses identified in exam analysis</p> <p>Homework 4: Targeted revision questions</p>		
	<p>Lesson 8</p> <ul style="list-style-type: none"> FULL REVISION LESSON <p>Targeted Revision based on weaknesses identified in exam analysis</p>		
	<p>Lesson 9</p> <ul style="list-style-type: none"> FULL REVISION LESSON <p>Targeted Revision based on weaknesses identified in exam analysis</p> <p>Homework 5: Targeted revision questions</p>		
	<p>Lesson 10</p> <ul style="list-style-type: none"> FULL REVISION LESSON <p>Targeted Revision based on weaknesses identified in exam analysis</p>		
	<p>Lesson 12</p> <ul style="list-style-type: none"> FULL REVISION LESSON <p>Targeted Revision based on weaknesses identified in exam analysis</p>		
	<p>Lesson 13</p> <ul style="list-style-type: none"> FULL REVISION LESSON <p>Targeted Revision based on weaknesses identified in exam analysis</p> <p>Homework 6: Targeted revision questions</p>		
	<p>Lesson 14</p> <ul style="list-style-type: none"> FULL REVISION LESSON <p>Targeted Revision based on weaknesses identified in exam analysis</p>		
	<p>Lesson 15</p> <ul style="list-style-type: none"> FULL REVISION LESSON <p>Targeted Revision based on weaknesses identified in exam analysis</p> <p>Homework 7: Targeted revision questions</p>		

CYCLE 5—THEORY AND REVISION

Week	Content	Completed?	
		Y / N	EFFORT
5&6 cont	Lesson 16 <ul style="list-style-type: none"> FULL REVISION LESSON Targeted Revision based on weaknesses identified in exam analysis <i>Homework 8: Targeted revision questions</i> Lesson 17 <ul style="list-style-type: none"> FULL REVISION LESSON—Complete a 1/2 a paper Targeted Revision based on weaknesses identified in exam analysis Lesson 18—Complete a 1/2 a paper		



KEYWORDS	
	Lap joint
Specification	Brief
Perspective	Isometric
Orthographic	Render
Model	Prototype
CAD CAM	Social footprint
Production	Justify
	Scales of Production

Tick when you think you are able to define the meaning of the keyword

Challenge!

Can you add more keywords you have covered?



Student Self Evaluation











WWW	EBI
-----	-----

Cycle NEA—Assessment & Development of skills

My Expected Grade				
Teacher Assessed Grade (circle)				
SBE	BE	E	AE	SAE
Comment:				

Cycle 5 Theory consolidation & revision techniques — Curriculum Journey

During the course of this cycle, you will cover content pertaining to examination within the following categories:

Pre-Learning 	Vital prior knowledge you can obtain before lessons to further your understanding of the topic.	ENGINEERING - DESIGN AND TECHNOLOGY (technologystudent.com) - examination section & revision. GCSE AQA Bitesize: GCSE Design and Technology - AQA - BBC Bitesize Multi topic revision
Skills 	Specific skills you will learn and use during the project.	Examination techniques - ACTIVE RECALL (read - recite - review)
Knowledge 	Specific knowledge you will obtain throughout the project.	Specification topics; memory processing skills - COMMAND word definitions; RDPA technique; PEEL.
Literacy 	Aspects of the project that will improve your reading, writing, spelling, grammar and comprehension.	Question and response; SPAG focus; COMMAND words.
Maths 	Aspects of the project that will develop your attainment in Maths related to Design & Technology.	Maths: math question practice - MIXTURE
Cross-curricular links 	Aspects of the project that link	English —descriptive and evaluative use of language. Science —materials and processes Maths —material management. Computer Science —Production management systems and control Geography - sustainability & the environment. Art - drawing techniques
Looking forward to the EXAMINATION: 	Aspects of the project related to further study of Design & Technology at GCSE.	Specification analysis and review - knowledge gaps identified on whole cohort and individual level. Targeted Revision based on weaknesses identified in exam analysis
Building challenge 	Tasks that encourage you to test yourself and exceed targets/expectations.	Students will practice answering the longer response questions and implement RDPA multiple times. Students will decode markschemes based on prior knowledge; using examples provided by the exam board
Careers 	Aspects of the project that display the relevant career paths that can be taken using the skills and knowledge acquired.	Product Designer; Engineer; Architect; Interior Designer; Web Designer; Graphic Designer; Set Designer; Medical Product Designer; CAD Technician
PSHE/SMSC 	Aspects of the project that consider the spiritual, moral, social and cultural impact of the project and its adherence to British values.	Spiritual: evaluating & improving exam technique Moral: learning from mistakes and building on failures - exam practice Social: group/paired work - exam revision techniques

Links between learning in KS3 & Yr10-11 that prepare you for this final Year 11 cycle.

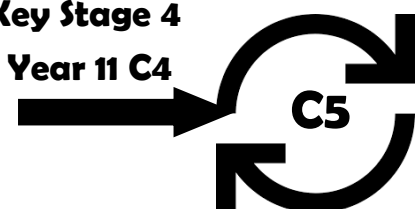
Prior learning from KS3; Yr10 & Yr11 C1-4:

Examination skills are built upon as students complete examination style questions. Read; decode; plan; answer (RDPA), should now be embedded in student's approach to examination questions.

Students will have reviewed attainment from all previous mocks and highlighted any identified gaps in knowledge or exam technique.

Key Stage 4

Year 11 C4



Yr11

Key Stage 5