

Teaching and Learning Content: Design and Technology

Year Group: 10

Half Term 4



Topic <ul style="list-style-type: none">● Practice NEA● Theory of core and specialist technical principals. Designing and making principals	
Home Learning: <p>Practice NEA activities will require researching/investigation, planning, and potential practicing at home. Example exam questions will be routinely issued as homework.</p>	
Key Questions: <ul style="list-style-type: none">● Responding to clients' needs and wants:<p>What considerations are required to ensure clients wants and needs are met? How do you ensure that you are responding to the clients requirements?</p>● Design brief and specification:<p>Why is it important to research the design context? What specific requirements does the client have?</p>● Generation of design ideas:<p>What is the most effective way to communicate your ideas? How can you check if your ideas are viable and relevant?</p>	Diagnosis <ul style="list-style-type: none">● Retrieval activities from knowledge organisers like starter quizzes.● Mini whiteboard activities.
	Therapy <ul style="list-style-type: none">● Teacher Demonstration.● Teacher demonstrating/modeling the use of tools and equipment.● WAGOLL & WABOLL.● Peer to peer support in lessons.
Students will: <ul style="list-style-type: none">● Identify a client to work with.● Research potential areas that problems exist within the given context.● Develop a design brief and specification resulting from the investigation.● Gain confidence in sketching and communicating ideas.● Apply appropriate modeling techniques to communicate 3D ideas.	Testing <ul style="list-style-type: none">● Students will be marked on the progression of their NEA.● Students will complete a range of past papers in mock exam conditions.