

Subject	Y11 Core Knowledge – Autumn/Spring/Summer term	How to support students' learning
Tech - Product	<p>Autumn Term</p> <ol style="list-style-type: none"> 1. Create a leaflet to share with parent(s) that gives advice. Know how an EYP and parents can support for transition. 2. Justify how the strategies given in the resource will support the transition. 3. Track a child's progress against expected key milestones. 4. Explain how aspects of holistic development might be interconnected. 5. Justify the support needed for further development. 6. Assess basic needs. 7. Assess holistic development. 8. Write a detailed plan to show how the early years practitioner could support care routines. 9. Write a detailed plan to show how the early years practitioner could support holistic development. <p>Spring/Summer Term</p> <ol style="list-style-type: none"> 10. Complete an evaluation of the plan you created and how the plan meet the needs. 11. Give strategies which assist a transition. 12. Produce an activity plan for two different types of play activities that the early years practitioner could carry to promote one aspect of development. 13. Describe the early years practitioners' role during the activities. 14. Evaluate how each activity will support 'John's' development. 15. Recall knowledge and show understanding of Task 5. 16. Demonstrate the application of relevant vocational skills, processes, working practices and documentation in Task 5. 17. Evaluate how well the plan records and outlines the individualised care needs and supports holistic development 18. Identify strengths and weaknesses of the plan 19. Identify examples of how the plan could be improved. 	<ul style="list-style-type: none"> • Physical and working properties - Material categories and properties - AQA - GCSE Design and Technology Revision - AQA - BBC Bitesize. • https://www.technologystudent.com/designpro/matintro1.htm • Types of motion - Mechanical devices - AQA - GCSE Design and Technology Revision - AQA - BBC Bitesize. • https://youtu.be/fzljPiPy9nw?si=SoCYjQQYrTVeFUdq • https://youtu.be/MIMc2qxlyfo?si=YEO7KkLl1QCon2_d • Hand drawing techniques GCSE DT. • Timbers - Timber-based materials - AQA - GCSE Design and Technology Revision - AQA - BBC Bitesize. • Design and Technology - Health and Safety - BBC Bitesize. • Tolerances - Design & Technology: AQA GCSE. • https://youtu.be/6tZSWFRRFFA?si=jLW-dKThiaLxtoa9 • Metal-based materials - Metal-based materials - AQA - GCSE Design and Technology Revision - AQA - BBC Bitesize. • Energy generation and storage GCSE DT - The pros and cons of renewables and non-renewables. • Systems - Systems approach to designing - AQA - GCSE Design and Technology Revision - AQA - BBC Bitesize. • https://youtu.be/r4lzmUbYX4A?si=VWpYu6UajHRmBljb • https://youtu.be/QsSIV4H5cDM • Developing prototypes - Designing - AQA - GCSE Design and Technology Revision - AQA - BBC Bitesize.

		<ul style="list-style-type: none"> • Iterative design - Designing - AQA - GCSE Design and Technology Revision - AQA - BBC Bitesize. • Scales of Production and Quality Control – GCSE Design and Technology AQA Revision – Study Rocket. • Key factors designers need to consider - Environmental, social and economic challenges - Edexcel - GCSE Design and Technology Revision - Edexcel - BBC Bitesize. • Key factors designers need to consider - Environmental, social and economic challenges - Edexcel - GCSE Design and Technology Revision - Edexcel - BBC Bitesize.
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