



Learning review of NEA.

Final design

Year 11 GCSE Design & Technology

| | Literacy: |
|---|---|
| | Capital letters must be used at the sta of sentences and for the first letter of |
| | proper nouns |
| | Full stops must be used at the end of |
| What will I be learning about in this Learning Programme? How to initiate the development of a design idea. How timbers and polymers are manufactured into products in the workshop and to a larger scale in industry. How polymers are manufactured into products in the workshop and to a larger scale in industry. To know how accuracy is ensured when making prototypes and products. To know motion types and the different mechanical systems. To know electronic systems function and the application of | |
| technology workshop. You | Apostrophes should only be used for possession or omission Days of the week and months must be spelled correctly |
| | Key words must be spelled correctly |
| t. | |
| Key Vocabulary | Homework |
| , | Manufacturing with polymers 1. |
| Injection moulding | |
| Key Vocabulary | Homework |
| | Manufacturing with polymers 2. |
| Rotational moulding | |
| Key Vocabulary | Homework |
| Structural integrity | Ensuring accuracy in manufacturing. |
| | |
| Key Vocabulary | Homework |
| Scales of production | Scales of production. |
| | |
| Key Vocabulary | Homework |
| Oscillating | Movement and mechanical devices. |
| Key Vocabulary | Homework |
| Microcontroller | Electronic systems & programmable components. |
| Wilciocontroller | |
| Microcontroller | |
| Microcontroller | Revise for summative assessment. |
| Revision strategy | Revise for summative assessment. |
| | Revise for summative assessment. |
| b | e ensured when making e application of echnology workshop. You to the control of |



Extended Task. Resources to support learning:

Resources to support learning:
The following websites contain extensive revision material and information to increase design & technology subject knowledge: www.technologystudent.com; www.mr-dt.com; www.bbc.co.uk/bitesize.

FFET Award Challenge for this Learning Programme:

how to present a final design in preparation for manufacturing.

Design suitable branding including brand name and logo for the final NEA prototype.