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**Knowledge Rich Curriculum Plan**

GCSE Design Core

Specialist Technical Principles - 2.6 Stock forms, types and sizes



| **GCSE Design Core** | **Specialist Technical Principles  2.6 Stock forms, types and sizes** |  |  |  |
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| **Lesson/Learning Sequence** | **Intended Knowledge:**  *Students will know that…* | **Tiered Vocabulary** | **Prior Knowledge:**  *In order to know this students, need to already know that…* | **Assessment** |
| **Lesson:**  **Using and working with materials** | * Students will know the term stock form * Students will know that stock form refers to how timber is bought after manufacture * Students will know that stock form are available in a variety of different ways such as strip, board, plank, square * Students will know the term knock down fittings | Manufacture: make (something) on a large scale using machinery.  Stock form: the standard shapes and sizes in which a. material is available  Knock down fitting: those that can be put together easily, normally using only a screw driver, a drill, a mallet/hammer and other basic tools. | * ***Students need to already know some examples of stock forms*** * ***Students need to already know how timber can be bought after manufacture*** * ***Students need to already know examples of where knock down fittings can be used in products*** | Why do designers need an understanding of stock forms?  How can alternative stock forms affect a products manufacture? |