****

**Knowledge Rich Curriculum Plan**

GCSE Design Core

Specialist Technical Principles - 2.4 Sources and origins

 

| **GCSE Design Core** | **Specialist Technical Principles 2.4 Sources and origins** |  |  |  |
| --- | --- | --- | --- | --- |
| **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:** **Sources and origins** | * Students will know the primary sources of timber
* Students will know where softwood and hardwood trees are located
* Students will know how companies including the Forest Stewardship Council help protect the globes trees
* Students will know how logs are converted ready to be processed
* Students will know that a log can be converted in four ways, Through and through, Baulk, Quarter cut and Tangential cut
* Students will know how the term seasoning
* Students will know that seasoning is how timber is dried before usage
* Students will know that timber is either air dried or kiln dried
 | Forest Stewardship Council: an international, non-governmental organisation dedicated to promoting responsible management of the world's forestsSeasoning: the process of correctly drying timber in order to remove moisture in the cells of the wood walls | * ***Students need to already know the difference of hardwood and softwood***
* ***Students need to already know how logs and felled***
 | Compare the different seasoning systems. What are the major differences?How do the FSC help the sustainability of timber? |