 **Threshold Concepts and Subject Progression**

**Technology**

**Year: 6 Unit Name: Contemporary Clock**

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| **What do I need to know from previous learning?** |
| How to work safely in the workshopHow to mark out, cut and finish wood How to write a cutting list and use it to plan the making of your  |
| **What do I need to learn? What do I need to remember?** |
| * How to create innovative designs that complement a theme and be able to use the success criteria to accurately annotate (label) your designs
* Be able to convert cm to mm and vice versa.
* Create a full size working drawing that identifies the radius and circumference measurements in mm
* Identify which tools are needed for each practical stage of your making
* Choose the correct tools for the job – woods and plastics
* Use tools, equipment and machinery with accuracy and precision
* Be able to identity Acrylic properties, characteristics and the impact that it is having on the world around us
* Recognise and understand the importance of recycling and the processes of recycling in the real world
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| **How can I extend this learning?** |
| Investigating chosen design movement in greater depthConverting mm and cm to metresMeasure to an accuracy of 0.01mm using a micrometerInvestigate and apply additional deforming methods to final outcomeInvestigate how deforming methods are used to make products in industryWhat is batch production? Designing jigs and templates for batch production |