 **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 workshop  How 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 |
| **How can I extend this learning?** |
| Investigating chosen design movement in greater depth  Converting mm and cm to metres  Measure to an accuracy of 0.01mm using a micrometer  Investigate and apply additional deforming methods to final outcome  Investigate how deforming methods are used to make products in industry  What is batch production?  Designing jigs and templates for batch production |