



# Key Stage 3 progress grid

Subject Technology Year 9

Topic / skill area Clock movements design

Trajectory	I am able to.....
T9, T8	<input type="checkbox"/> use CAD to assist in <b>developing</b> and <b>justifying</b> the detailed work below.
T7	<input type="checkbox"/> produce detailed drawings and notes to fully <b>justify</b> the arrangements for the visual elements of my clock design allowing ease of manufacture.
T6	<input type="checkbox"/> <b>explore</b> alternative ways of construction, fittings, components and materials in my design work <input type="checkbox"/> <b>analyse</b> my findings. <input type="checkbox"/> investigate the 3Dimensional qualities of my design using an appropriate drawing technique. <input type="checkbox"/> fully <b>investigate</b> the ergonomics and anthropometrics of the packaging for the product.
T5, T4	<input type="checkbox"/> produce neat, accurate drawings <input type="checkbox"/> <b>apply</b> creativity to my sketches of your clock design. <input type="checkbox"/> Use annotations to clearly <b>describe</b> and demonstrate my <b>understanding</b> of the important aspects of my designs. <input type="checkbox"/> Produce creative designs which <b>illustrate</b> the design aspects of the chosen design movement. <input type="checkbox"/> give some consideration to <b>predict</b> the suitability of my packaging.
T3	<input type="checkbox"/> produce clear sketches of my clock design <input type="checkbox"/> <b>identify</b> and <b>name</b> the main features of my design. <input type="checkbox"/> Produce well drawn designs <input type="checkbox"/> identify the important aspects of the design.
T2, T1	<input type="checkbox"/> produce sketches of my clock design <input type="checkbox"/> <b>identify</b> the main features of my design. <input type="checkbox"/> Produce designs <input type="checkbox"/> identify aspects of the design.

