






Design and Technology: Product Design

Aims				Before I resubmit my coursework I will.....
Activity 1				
<p>To mind map all the possible problems and solutions to the given brief. To within this consider:</p> <ul style="list-style-type: none"> • Potential users • Target groups • Needs and wants • Analysis a reoccurring theme which will lead to the next steps being determined. 				<p>E.g before the resubmission deadline I will fully explore the given brief by considering all the design possibilities, users and solutions.</p>
Activity 2				
<p>Carry out research on existing products that satisfy the identified problems and users in the task above. To analysis the products in detail by considering:</p> <ul style="list-style-type: none"> • Materials and their properties • Cost • Scale of manufacture/how it was made • Safety • Appearance and style • Suitability for different users • How it solves the problem within the set brief • Function • Size/measurements • Links to iconic designers and other influences 				



<p>Analysed the information collected and create a summary of:</p> <ul style="list-style-type: none"> • What did you do? • Who did you do it? • What did you learn? • What will you do next? 				
Activity 3				
<p>To generate a wide range of creative design solutions using a range of communication techniques:</p> <ul style="list-style-type: none"> • 2D and 3 D sketches • Card modelling • Computer sketches (CAD) 				
<p>To annotate the designs considering the following:</p> <ul style="list-style-type: none"> • How it solves the problem within the brief • Influences from initial research • Materials and joining methods • Function • Suitability for the user • Pros and cons to the designs 				
<p>To perform further research and/or carry out investigations in order to further develop ideas. This could be by conducting research into materials, fixings, designers, joining methods etc.</p>				
Activity 4				
<p>To produce a final design which has been developed from previous investigations and</p>				



<p>developments in order to create a solution to the given brief.</p> <p>The final design should be communicated through several sketches and possible models.</p> <p>Dimensions of the final design should be recorded and be realistic.</p>				
<p>To evaluate the final design against the initial design brief whilst explaining how the idea had evolved.</p>				