




Percentage	I can ...	Prove it!
	<ul style="list-style-type: none"> <li>• Imaginative and innovative ideas have been developed, demonstrating creativity, flair and originality. Further developments made to take account of ongoing research</li> <li>• A coherent and appropriate design strategy, with clear evidence of a planned approach, adopted throughout               <ul style="list-style-type: none"> <li>• The implications of a wide range of issues including social, moral, environmental and sustainability, are taken into consideration and inform the development of the design proposals</li> </ul> </li> <li>• Excellent development work through experimentation with a wide variety of techniques and modelling (including CAD where appropriate) in order to produce a final design solution</li> <li>• Appropriate materials/ingredients and components selected with full regard to their working properties</li> <li>• Fully detailed and justified product/manufacturing specification taking full account of the analysis undertaken</li> </ul>	<p>You have created a cutting list to show what materials you need.</p> <p>You have created a manufacturing diary to explain the steps you will take to make your product.</p> <p>You have explained why you have chosen certain materials.</p>
	<ul style="list-style-type: none"> <li>• Imaginative ideas demonstrating a degree of creativity, which are further developed to take account of ongoing research</li> <li>• An appropriate design strategy, with evidence of planning, adopted for most aspects</li> <li>• Development of design proposals take into account the main aspects relating to a variety of social, moral, environmental and sustainability issues</li> <li>• Good development work achieved through working with a variety of techniques and modelling (including CAD where appropriate)</li> <li>• Appropriate materials/ingredients and components selected with regard to their working properties</li> <li>• Product/manufacturing specification is complete and reflects key aspects of the analysis undertaken</li> </ul>	<p>You have explained the working properties which made the material appropriate.</p> <p>You have made a card model.</p> <p>You have used CAD to create your design</p> <p>Your designs should be different from existing products. Your ideas should display imaginative designs which are unusual and creative. These designs should be developed and changed through iterations</p>



- Design ideas show some degree of creativity and further development
- An appropriate design strategy, with some evidence of planning, adopted for some aspects
- Developments of design solutions are influenced to some extent by factors relating to social, moral, environmental and sustainability issues
- Adequate development work achieved through working with a range of techniques and modelling (including CAD where appropriate)
- Materials/ingredients and components selected with some regard to their working properties
- Product/manufacturing specification reflects most aspects of the analysis

Each change or iteration has been explained to say why and how you made the changes you made.  
 You have explained your design journey.  
 You have created designs, which are sustainable and environmentally friendly.

Percentage	I can ...	Prove it!
	<ul style="list-style-type: none"> <li>• Ideas show some variation in approach or concept</li> <li>• A limited design strategy, with minimal planning, is evident</li> <li>• Some consideration taken of social, moral, environmental and sustainability issue in development of design solutions</li> <li>• Development work is lacking in detail but makes reference to a number of techniques and modelling (including CAD where appropriate)</li> <li>• Materials/ingredients and components selected with limited regard to their working properties</li> <li>• Limited product/manufacturing specification which reflects most obvious features of analysis</li> </ul>	<p>You have used hand drawings to create your design.</p> <p>You have designs that are different from existing products. Your ideas display imaginative designs that are unusual and creative.</p> <p>You display designs which have been developed and changed through iterations. You have created initial designs based on something which inspired you.</p>

**Key Words:**

**Sketching**

**Technical drawing**

**CAD**

**Iterations**

**Material properties**

**Annotations**

**Initial designs**

**Innovative**

**Imaginative**

**Original**