

Year 9	Analysis & evaluation	Technical principles	Designing	Making
Mastering	<p>Identify a wide and varied range of relevant features of a product or design and say whether they are good or bad. Explain why using “because”. Link the feature to its effect on the product using a “therefore, so that”. Present a balanced evaluation for a number of features explaining points using a range of connectives.</p>	<p>Demonstrate in-depth understanding of a wide range of technical principles.</p>	<p>Present a wide range of creative ideas that meet the needs of a given design brief. Ideas clearly presented showing excellent detail. Labels and notes to help explain all the features of their designs.</p>	<p>INDEPENDENTLY Work with a wide range of tools and equipment, naming and using them correctly. Excellent safety awareness and control shown. Excellent accuracy and standard of finish shown in outcome.</p>
Advancing	<p>Identify a wide range of relevant features of a product or design and say whether they are good or bad. Explain why using “because”. Link the feature to its effect on the product using a “therefore, so that”. Present both good and bad points for at least one feature using a “however” connective or similar.</p>	<p>Demonstrate very good understanding of a wide range of technical principles.</p>	<p>Present a range of creative ideas that meet the needs of a given design brief. Ideas clearly presented showing good detail. Labels and notes to help explain all the features of their designs.</p>	<p>INDEPENDENTLY Work with a range of tools and equipment, naming and using them correctly. Very good safety awareness and control shown. Very good accuracy and standard of finish shown in outcome.</p>
Securing	<p>Identify a wider range of relevant features of a product or design and say whether they are good or bad. Explain why using “because” or similar connective. Link the feature to its effect on the product using a “therefore, so that” connective or similar.</p>	<p>Demonstrate good understanding of a wider range of technical principles.</p>	<p>Present a range of creative ideas in response to a given design brief. Ideas clearly presented showing good detail. Labels and notes to help explain all the features of their designs.</p>	<p>LARGELY INDEPENDENTLY Work with a range of tools and equipment, naming them correctly. Very good safety awareness and control shown. Good accuracy and standard of finish shown in outcome.</p>
Developing	<p>Identify a number of relevant features of a product or design and say whether they are good or bad. Explain why using “because” or similar connective. Link the feature to its effect on the product using a “therefore, so that” connective or similar.</p>	<p>Demonstrate good understanding of a range of technical principles.</p>	<p>Present a range of ideas in response to a given design brief. Ideas clearly presented showing most detail. Labels and/or notes to help explain most features of their designs.</p>	<p>WITH LITTLE ASSISTANCE Work with a range of tools and equipment, naming most of them. Good safety awareness and control shown. Attention paid to accuracy and standard of finish.</p>
Emerging	<p>Identify more than one relevant feature of a product or design and say whether each is good or bad. Explain why using “because” or similar connective.</p>	<p>Demonstrate some understanding of a range of technical principles.</p>	<p>Present more than one idea in response to a given design brief. Ideas presented with some clarity, showing some detail. Labels and/or notes help explain the main features of their designs.</p>	<p>WITH SOME ASSISTANCE Work with a range of tools and equipment, naming most of them. Good safety awareness and some control shown. Some attention paid to accuracy and standard of finish.</p>