

DESIGN TECHNOLOGY

		BRONZE	SILVER	GOLD	PLATINUM
YEAR 7	AO1: Identify, investigate & outline design possibilities A: Identifying & investigating design possibilities	Produce basic research into Alessi, fonts, logos and materials. Show limited written explanation of research. Produce basic research into picture frames with lettering as a feature.	Carry out some research into Alessi, fonts, logos and materials. Show some detail in written explanations of research. Produce some research into picture frames, linked to your own designs.	Detailed research into Alessi fonts, logos and materials. Show a clear understanding of research shown through detailed written explanations. Carry out good research into the work of others, linked to your own designs. Also link your materials research to your designs – label up designs clearly.	Produce thorough, extensive research into Alessi, fonts, logos and materials. Show excellent understanding of your research through very detailed, logical written explanations. Carry out comprehensive research into picture frames, linked well to your own designs. Also link your materials research to your own designs through clear labelling.
	AO1: Identify, investigate & outline design possibilities B: Producing a design brief & specification	Write a simple design specification for part of your letter hook.	Write an adequate design specification for part of your letter hook. Link this to the user's needs and wants. Your specification should inform later designs.	Write a detailed design specification with good links to the user's needs and wants. Your specification should inform later design stages.	Write a comprehensive design specification with logical and detailed links to the user's needs and wants. Your specification should fully inform later design stages.
	AO2: Design & make prototypes that are fit for purpose C: Generating design ideas	Draw basic ideas for your letter hook / point of sale display stand. Use simple communication such as labelling for your final design. Show basic shading skills.	Draw clear ideas for your letter hook / point of sale display stand, showing some imagination (neat shading, pencil control). Show you have thought about function and aesthetics. Link your lettering research to your design ideas. Write about your design ideas –materials, how you are going to make your letter hook, the parts used to attach the hook together.	Draw imaginative and creative ideas to show a good level of skill (tonal shading, pencil control). Show you have thought about function, aesthetics and innovation. Link your lettering research to your design ideas. Write about your design ideas with some detail – materials, how you are going to make your letter hook, the parts used to attach the hook together.	Draw imaginative and creative ideas to show a high level of skill (tonal shading, pencil control). Show you have thought about function, aesthetics and innovation. Link your lettering research to your design ideas. Write about your design ideas with strong detail – materials, how you are going to make your letter hook - processes, the parts used to attach the hook together.

<p>AO2: Design & make prototypes that are fit for purpose</p> <p>D: Developing design ideas</p>	<p>Produce a basic model of your Point of Sale stand.</p> <p>Use a limited range of 2D and 3D techniques to develop a prototype.</p> <p>Use basic modelling to test design ideas.</p> <p>Your model should meet simple requirements.</p> <p>Select appropriate materials for your model.</p> <p>Carry out some research into the working properties of your materials.</p>	<p>Produce a sufficient model of your Point of Sale stand.</p> <p>Use a sufficient range of 2D and 3D techniques to develop a prototype.</p> <p>Use adequate modelling to test design ideas.</p> <p>Your model should meet at least two functional requirements.</p> <p>Select appropriate materials for your model.</p> <p>Carry out some research into the working properties of your materials.</p>	<p>Produce a good model of your Point of Sale stand.</p> <p>Use a varied range of 2D and 3D techniques to develop a prototype.</p> <p>Use good modelling skills to test design ideas.</p> <p>Your model should meet a range of requirements.</p> <p>Select appropriate materials for your model.</p> <p>Carry out detailed research into the working properties of your materials.</p>	<p>Produce an excellent model of your Point of Sale stand.</p> <p>Use a varied range of 2D and 3D techniques to develop a prototype.</p> <p>Use a high standard of modelling skills to test design ideas.</p> <p>Your model should successfully meet a range of requirements.</p> <p>Select appropriate materials for your model.</p> <p>Carry out comprehensive research into the working properties of your materials.</p>
<p>AO2: Design & make prototypes that are fit for purpose</p> <p>E: Realising design ideas</p>	<p>Use tools, materials and equipment with a basic level of skill.</p> <p>Show basic quality control in your making.</p> <p>Your letter hook / point of sale display stand shows a basic level of finishing skills.</p>	<p>Use tools, materials and equipment with an adequate level of skill.</p> <p>Show adequate quality control in your making.</p> <p>Your letter hook / point of sale display stand shows an adequate level of finishing skills.</p>	<p>Use the correct tools, materials and equipment (including CAM) safely and skilfully.</p> <p>Show a detailed level of quality control in your making.</p> <p>Your letter hook and display stand are mostly accurate.</p> <p>You have shown a good level of finish and skill.</p> <p>Your letter hook and display stand matches your design ideas or developed designs.</p> <p>Your letter hook could be adapted to be retailed at Next and meets the needs of the user.</p>	<p>Use the correct tools, materials and equipment (including CAM) safely, skilfully and independently.</p> <p>Show an extremely high level of quality control in your making.</p> <p>Your letter hook and display stand are fully accurate.</p> <p>You have shown a good level of finish and skill.</p> <p>Your letter hook and display stand matches your design ideas or developed designs.</p> <p>Your letter hook could be adapted to be retailed at Next and meets the needs of the user.</p>
<p>AO3: F: Analyse & evaluate</p>	<p>Evaluate your letter hook and display stand in a simple way.</p> <p>Show basic testing of some aspects of your letter hook or display stand against your specification.</p>	<p>Evaluate your letter hook and display stand adequately. Include opinions from other pupils.</p> <p>Show adequate testing of some aspects of your letter hook or display stand against your specification.</p> <p>Discuss any changes you made to your product from your designs.</p>	<p>Evaluate your letter hook and display stand in detail.</p> <p>Include opinions from other pupils.</p> <p>Show good testing of all aspects of your letter hook or display stand against your specification.</p> <p>Discuss any changes you made to your product from your designs.</p>	<p>Evaluate your letter hook and display stand fully and in detail.</p> <p>Include opinions from other pupils.</p> <p>Show detailed testing of all aspects of your letter hook or display stand against your specification.</p> <p>Discuss any changes you made to your product from your designs in detail.</p>