

Years 1–2 Technology: Insect Designer

Student

Purpose: Use technology process (investigation, ideation, production, evaluation) to make a model insect.

Knowledge and understanding	Investigating and designing	Producing	Evaluating; reflecting	
Knowledge of materials, tools and techniques is applied in a design matched to criteria and available resources	Tests materials, tools and techniques; develops and documents a practical design	Uses production plan and appropriate techniques to complete a model that fits criteria of design brief	Uses evaluation to critique and refine design; identifies new learning about tools, materials and techniques	
<ul style="list-style-type: none"> ◀ Demonstrates comprehensive knowledge of a wide range of tools, materials and techniques in the model's design and construction. 	<ul style="list-style-type: none"> ◀ Documented testing of a wide range of materials, tools and techniques. Design applies results of testing and is communicated in clear, labelled design drawing. 	<ul style="list-style-type: none"> ◀ Detailed production plan guides controlled and skilful practice. Completed model fits all criteria. 	<ul style="list-style-type: none"> ◀ Uses evaluation to improve design. Uses checklist to critique model. Identifies a range of new knowledge and understandings. 	A
<ul style="list-style-type: none"> ◀ Demonstrates knowledge of tools, materials and techniques in design and construction. 				B
	<ul style="list-style-type: none"> ◀ Documented tests of materials tools and techniques inform a credible design. 	<ul style="list-style-type: none"> ◀ Production plan guides effective practice to complete a model that fits most criteria. 	<ul style="list-style-type: none"> ◀ Completes checklist with relevant evaluation. Identifies learning of new concepts. 	C
<ul style="list-style-type: none"> ◀ Uses tools, materials and techniques. 		<ul style="list-style-type: none"> ◀ Plan informs construction of a completed model. 	<ul style="list-style-type: none"> ◀ Completes checklist, recalls factual knowledge. 	D
	<ul style="list-style-type: none"> ◀ Documented findings about tools and materials. Completed design drawing. 			E

Feedback