

KINETIC DRAGON FLY

Year Level	SCIENCE	TECHNOLOGY	ENGINEERING	ARTS (LITERACY)	ARTS (MEDIA)	MATHS
PREP	<p>Science Understanding:</p> <p>Chemical sciences Objects are made of materials that have observable properties(ACSSU003)</p> <p>Physical sciences The way objects move depends on a variety of factors, including their size and shape (ACSSU005)</p> <p>Nature and development of science Science involves observing, asking questions about, and describing changes in, objects and events (ACSHE013)</p> <p>Science Inquiry Skills</p> <p>Questioning and predicting Pose and respond to questions about familiar objects and events (AC SIS014)</p> <p>Planning and conducting Participate in guided investigations and make observations using the senses (AC SIS011)</p> <p>Processing and analysing data and information Engage in discussions about observations and</p>	<p>Explore the characteristics and properties of materials and components that are used to produce designed solution (ACTDEK004)</p>	<p>Identify how people design and produce familiar products, services and environments and consider sustainability to meet personal and local community needs (ACTDEK001)</p> <p>Explore how technologies use forces to create movement in products (ACTDEK002)</p>	<p>Creating literature Retell familiar literary texts through performance, use of illustrations and images (ACELT1580)</p>	<p>Use and experiment with different materials, techniques, technologies and processes to make artworks (ACAVA M107)</p> <p>Create and display artworks to communicate ideas to an audience (ACAVAM108)</p> <p>Use media technologies to capture and edit images, sounds and text for a purpose (ACAMAM055)</p> <p>Create and present media artworks that communicate ideas and stories to an audience (ACAMAM056)</p>	<p>Shape Sort, describe and name familiar two-dimensional shapes and three-dimensional objects in the environment (ACMMG009)</p> <p>Location and transformation Describe position and movement (ACMMG010)</p>

	<p>represent ideas (AC SIS233)</p> <p>Communicating: Share observations and ideas (AC SIS012)</p>					
YEAR ONE	<p>Nature and development of science Science involves observing, asking questions about, and describing changes in, objects and events (ACSHE021)</p> <p>Use and influence of science People use science in their daily lives, including when caring for their environment and living things (ACSHE022)</p> <p>Science Inquiry Skills</p> <p>Questioning and predicting Pose and respond to questions, and make predictions about familiar objects and events (AC SIS024)</p> <p>Planning and conducting Participate in guided investigations to explore and answer questions (AC SIS025)</p> <p>Processing and analysing data and information Use a range of methods to sort information, including drawings and</p>	<p>Explore the characteristics and properties of materials and components that are used to produce designed solution (ACTDEK004)</p>	<p>Knowledge and Understanding Explore how technologies use forces to create movement in products (ACTDEK002)</p> <p>Explore the characteristics and properties of materials and components that are used to produce designed solutions (ACTDEK004)</p>	<p>Creating literature Recreate texts imaginatively using drawing, writing, performance and digital forms of communication (ACELT1586)</p>	<p>Use and experiment with different materials, techniques, technologies and processes to make artworks (ACAVA M107)</p> <p>Create and display artworks to communicate ideas to an audience (ACAVAM108)</p>	

	<p>provided tables and through discussion, compare observations with predictions (AC SIS027)</p> <p>Evaluating</p> <p>Compare observations with those of others (AC SIS213)</p> <p>Communicating</p> <p>Represent and communicate observations and ideas in a variety of ways (AC SIS029)</p>					
YEAR TWO		<p>Explore the characteristics and properties of materials and components that are used to produce designed solution (ACTDEK004)</p>			<p>Use and experiment with different materials, techniques, technologies and processes to make artworks (ACAVA M107)</p> <p>Create and display artworks to communicate ideas to an audience (ACAVAM108)</p> <p>Use media technologies to capture and edit images, sounds and text for a purpose (ACAMAM055)</p>	

					Create and present media artworks that communicate ideas and stories to an audience (ACAMAM056)	
YEAR THREE		<p>Investigate how forces and the properties of materials affect the behaviour of a product or system (ACTDEK011)</p> <p>Investigate the suitability of materials, systems, components, tools and equipment for a range of purposes (ACTDEK013)</p> <p>Critique needs or opportunities for designing and explore and test a variety of materials, components, tools and equipment and the techniques</p>		<p>Creating literature</p> <p>Create imaginative texts based on characters, settings and events from students' own and other cultures using visual features, for example perspective, distance and angle (ACELT1601)</p>	<p>Use materials, techniques and processes to explore visual conventions when making artworks (ACAVAM111)</p> <p>Present artworks and describe how they have used visual conventions to represent their ideas (ACAVAM112)</p> <p>Investigate and devise representations of people in their community, including themselves, through settings, ideas and story structure in images, sounds</p>	<p>Shape</p> <p>Make models of three-dimensional objects and describe key features (ACMMG063)</p>

		<p>needed to produce designed solution(ACTDEP014)</p> <p>Generate, develop, and communicate design ideas and decisions using appropriate technical terms and graphical representation techniques (ACTDEP015)</p> <p>Select and use materials, components, tools, equipment and techniques and use safe work practices to make designed solutions (ACTDEP016)</p> <p>Evaluate design ideas, processes and solutions based on criteria for success developed with guidance and including care for the environment (ACTDEP017)</p> <p>Plan a sequence of production steps when making</p>			<p>and text (ACAMAM058)</p> <p>Use media technologies to create time and space through the manipulation of images, sounds and text to tell stories (ACAMAM059)</p>	
--	--	--	--	--	--	--

		designed solutions individually and collaboratively(ACTDEP018)				
YEAR FOUR		<p>Investigate how forces and the properties of materials affect the behaviour of a product or system (ACTDEK011)</p> <p>Investigate the suitability of materials, systems, components, tools and equipment for a range of purposes (ACTDEK013)</p> <p>Critique needs or opportunities for designing and explore and test a variety of materials, components, tools and equipment and the techniques needed to produce designed solution(ACTDEP014)</p>		<p>Interacting with others Interpret ideas and information in spoken texts and listen for key points in order to carry out tasks and use information to share and extend ideas and information (ACELY1687)</p> <p>Plan, rehearse and deliver presentations incorporating learned content and taking into account the particular purposes and audiences (ACELY1689)</p>	<p>Use materials, techniques and processes to explore visual conventions when making artworks (ACAVAM111)</p> <p>Present artworks and describe how they have used visual conventions to represent their ideas (ACAVAM112)</p>	<p>Geometric reasoning Compare angles and classify them as equal to, greater than, or less than, a right angle (ACMMG089)</p>

	<p>Generate, develop, and communicate design ideas and decisions using appropriate technical terms and graphical representation techniques (ACTDE P015)</p> <p>Select and use materials, components, tools, equipment and techniques and use safe work practices to make designed solutions (ACTDEP 016)</p> <p>Evaluate design ideas, processes and solutions based on criteria for success developed with guidance and including care for the environment (ACTDEP017)</p> <p>Plan a sequence of production steps when making designed solutions individually and collaboratively(ACTDEP018)</p>					
--	---	--	--	--	--	--

YEAR FIVE		<p>Select appropriate materials, components, tools, equipment and techniques and apply safe procedures to make designed solutions (ACTDEP 026)</p>		<p>Interacting with others Plan, rehearse and deliver presentations for defined audiences and purposes incorporating accurate and sequenced content and multimodal elements (ACELY 1700)</p>		
YEAR SIX		<p>Select appropriate materials, components, tools, equipment and techniques and apply safe procedures to make designed solutions (ACTDEP 026)</p>				