



# Long Term Design Overview Cycles A and B

## Class One

Term	Autumn		Spring		Summer	
<b>Cycle A Theme Class One</b>	<b>Dinosaur Planet</b>	<b>Where do I live?</b>	<b>Bright Lights, Big City.</b>	<b>Weather Experts</b>	<b>Memory Box</b>	<b>On Safari</b>
	<p>Design and make a moving model of a dinosaur with sliders and levers.</p> <p>Mechanisms (sliders and levers)</p> <p>Link: Dinosaur Planet topic</p>		<p>Design and make a model of a fire engine with wheels and axles (the Great Fire of London).</p> <p>Mechanisms and woodwork</p> <p>Link: Bright Lights, Big City topic</p>			<p>Design and make a 'safari' animal hand puppet.</p> <p>Textiles and sewing</p> <p>Link: Kenya topic</p>
<b>Cycle B Theme Class One</b>	<b>Towers, Tunnels and Turrets</b>	<b>Continents &amp; Oceans</b>	<b>Land Ahoy! (Famous explorers)</b>	<b>Let's go to China</b>	<b>Famous for more than 5 minutes</b>	<b>Street Detectives (Hemington and Our local area)</b>
	<p>Design and make a model castle incorporating a pneumatic drawbridge system.</p> <p>Structures and mechanisms</p> <p>Link: Towers, Tunnels and Turrets</p>		<p>Design, prepare, cook and serve a 'stew' for a pirate.</p> <p>Cooking and nutrition</p> <p>Link: Land Ahoy! topic</p>			<p>Design, prepare and serve a fresh salad using produce from a local farm shop</p> <p>Cooking and Nutrition</p> <p>Link: Street Detectives topic - local farm/shop</p>



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## Class Two

Term	Autumn		Spring		Summer	
<b>Cycle A Theme Class Two</b>	<b>Tribal Tales (Stone Age to Iron Age)</b>	<b>Misty Mountain Sierra</b>	<b>Pharaohs (Egyptians)</b>	<b>The Journey of Food</b>	<b>Victorians (Homes and Palaces)</b>	<b>Modern Europe</b>
	Design and make a Stone Age 'pouch'.  Textiles and sewing  Link: Tribal Tales topic		Design and make a model of an Ancient Egyptian mummy in a sarcophagus incorporating a pneumatic 'lid' system.  Structures and mechanisms  Link: Pharaohs topic			Design and make a model of the Eiffel Tower (from art straws). Structures  Link: Modern Europe
<b>Cycle B Theme Class Two</b>	<b>The Mayas</b>	<b>Extreme Weather</b>	<b>I am a Warrior (Romans)</b>	<b>Earth Matters</b>	<b>Traders &amp; Raiders (Anglo-Saxons)</b>	<b>Location, Location, Location</b>
	Design and make a model of a Mayan hut.  Structures  Link: The Mayas topic			Design and make a model recycle bin. Structures and woodwork Link: Earth Matters topic		Design and make a model bridge to span across the local canal Structures Link: Street Detectives topic



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## Class Three

Term	Autumn		Spring		Summer	
<b>Cycle A Theme Class Three</b>	<b>Gods &amp; Mortals (Ancient Greeks)</b>	<b>The Journey of a river</b>	<b>Traders &amp; Raiders (Vikings)</b>	<b>Amazon Rainforest</b>	<b>America and the Slave Trade</b>	<b>Made in North America- California</b>
	Design and make a clay vase (see art planning - sculpture)  Link: Ancient Greeks		Design and make a model of a Viking ship.  Mechanisms (cams)  Link: Traders and Raiders topic			Design, prepare, cook and serve a burger meal. Cooking and nutrition  Link: California (US) topic
<b>Cycle B Theme Class Three</b>	<b>China – The Shang Dynasty</b>	<b>The Frozen Kingdom</b>	<b>A Child’s War (World War 11)</b>	<b>Tremors</b>	<b>Where we live</b>	<b>Coastlines</b>
	Design, prepare, cook and serve a ‘typical’ Chinese breakfast  Cooking and nutrition		Make do and mend’ – recycle an old t-shirt by adding an applique design to it.  Textiles and sewing  Link: World War II topic			Design and make a model of a lighthouse.  Electrical and structures  Link: Coastlines topic