## Barleyhurst Park Curriculum Progression for Design Technology

Big Idea	Aspect	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Humankind	Everyday		Products can be	Particular products have	Design features are the	Culture is the language,	People's lives have been
	products		improved in different	been designed for	aspects of a product's	inventions, ideas and art	improved in countless
			ways, such as making	specific tasks, such as	design that the designer	of a group of people. A	ways due to new
			them easier to use,	nail clippers, the	would like to emphasise,	society is all the people in	inventions and designs.
			more hardwearing or	spinning top and the	such as the use of a	a community or group.	For example, the
			more attractive.	cool box. Explain how an	particular material or	Culture affects the design	Morrison shelter,
			Explain how an	existing product benefits	feature that makes the	of some products. For	designed by John Baker
			everyday product	the user.	product easier to use or	example, knives and forks	in 1941, was an indoor
			could be improved.		more durable.	are used in the western	air-raid shelter used in
				* Year 3: Gods and	Investigate and identify	world, whereas	over half a million
			* Year 2: Land Ahoy	Mortals	the design features of a	chopsticks are used	homes during the
					familiar product.	mainly in China and	Second World War. It
						Japan. The design of	saved the lives of many
					* Year 4: Blue Abyss;	products needs to take	people caught in
					Traders and Raiders	into account the culture	bombing raids. Analyse
						of the target audience.	how an invention or
						For example, colours	product has significantly
						might mean very different	changed or improved
						things in different	people's lives.
						cultures. Explain how the	
						design of a product has	*A Child's War
						been influenced by the	
						culture or society in	
						which it was designed or	
						made.	
						* Year 5: Pharaohs; Time	
						Traveller; Off with Her	
						Head	

Big Idea	Aspect	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Humankind	Staying	Rules are made to	Hygiene rules include			Safety features are often	The safety of the user
	safe	keep people safe	washing hands before			incorporated into	has to be taken into
		from danger. Safety	handling food, cleaning			products that might cause	account when designing
		rules include always	surfaces, tying long			harm. Some examples	a new product.
		listening carefully	hair back, storing food			include the child-safety	Methods to help keep
		and following	appropriately and			caps on medicine bottles,	users safe include
		instructions, using	wiping up spills. Work			seatbelts in cars, covers	providing clear
		equipment only as	safely and hygienically			for electrical sockets and	instructions for use;
		and when directed,	in construction and			finger guards on doors.	clear indication of the
		wearing protective	cooking activities.			Explain the functionality	age range for which it is
		clothing if				and purpose of safety	designed; safety
		appropriate and	*Beachcombers;			features on a range of	features (such as child-
		washing hands	Wiggle and Crawl			products.	resistant packaging);
		before touching					warning symbols and
		food. Follow the				* Time Traveller	electrical safety checks.
		rules to keep safe					Demonstrate how their
		during a practical					products take into
		task.					account the safety of
							the user.
		*All Topics					
							*ID

Big Idea	Aspect	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Processes	Mechanisms	An axle is a rod or	A mechanism is a		Mechanisms can be		Mechanical systems can
	and	spindle that passes	device that takes one		used to add		include sliders, levers,
	movement	through the centre	type of motion or force		functionality to a model.		linkages, gears, pulleys
		of a wheel to	and produces a		For example, sliders or		and cams. Other
		connect two wheels.	different one. A		levers can be used in		mechanisms include
		Use wheels and	mechanism makes a		moving pictures,		pneumatics and
		axles to make a	job easier to do.		storybooks or simple		hydraulics. Explain and
		simple moving	Mechanisms include		puppets; linkages in		use mechanical systems
		model.	sliders, levers,		moving vehicles or		in their products to
			linkages, gears, pulleys		puppets; gears in		meet a design brief.
		*Moon Zoom	and cams. Use a range		motorised vehicles or		
			of mechanisms (levers,		spinning toys; pulleys in		*Frozen Kingdom
			sliders, wheels and		cable cars or transport		
			axles) in models or		systems and cams in 3-D		
			products.		moving toys or pictures.		
					Explore and use a range		
			* Land Ahoy		of mechanisms (levers,		
					axles, cams, gears and		
					pulleys) in models or		
					products.		

* Blue Abyss
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Big Idea	Aspect	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Processes	Electricity				Components can be	Electrical circuits can be	Computer programs can
					added to circuits to	controlled by a simple	control electrical circuits
					achieve a particular goal.	on/off switch, or by a	that include a variety of
					These include bulbs for	variable resistor that	components, such as
					lighthouses and torches,	can adjust the size of	switches, lamps, buzzers
					buzzers for burglar	the current in the	and motors. Understand
					alarms and electronic	circuit. Real-life	and use electrical
					games, motors for	examples are a dimmer	circuits that incorporate
					fairground rides and	switch for lights or	a variety of components
					motorised vehicles and	volume control on a	(switches, lamps,
					switches for lights and	stereo. Use electrical	buzzers and motors)
					televisions. Incorporate	circuits of increasing	and use programming
					circuits that use a variety	complexity in their	to control their
					of components into	models or products,	products.
					models or products.	showing an	
					*Blue Abyss	understanding of	*ID
						control.	
						*Time Traveller	

Big Idea	Aspect	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Creativity	Generation	Design criteria are the	Ideas can be	Design criteria are the	Annotated sketches and	A pattern piece is a	Design criteria should
	of ideas	explicit goals that a	communicated in a	exact goals a project	exploded diagrams show	drawing or shape used	cover the intended use of
		project must achieve.	variety of ways,	must achieve to be	specific parts of a	to guide how to make	the product, age range
		Create a design to	including written work,	successful. These	design, highlight	something. There are	targeted and final
		meet simple design	drawings and	criteria might include	sections or show	many different	appearance. Ideas can be
		criteria.	diagrams, modelling,	the product's use,	functions. They	computer-aided design	communicated in a range
			speaking and using	appearance, cost and	communicate ideas in a	packages for designing	of ways, including through
		*All Topics	information and	target user. Develop	visual, detailed way. Use	products. Use pattern	discussion, annotated
			communication	design criteria to	annotated sketches and	pieces and computer-	sketches, cross-sectional
			technology. Generate	inform a design.	exploded diagrams to	aided design packages	and exploded diagrams,
			and communicate their		test and communicate	to design a product.	prototypes, pattern pieces
			ideas through a range	*All Topics	their ideas.		and computer-aided
			of different methods.			*All Topics	design. Develop design
					*All Topics		criteria for a functional
			*All Topics				and appealing product
							that is fit for purpose,
							communicating ideas
							clearly in a range of ways.
							*All Topics

Big Idea	Aspect	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Creativity	Structures	Different materials	Structures can be	Shell structures are	A prototype is a mock-up	Various methods can be	Strength can be added
		can be used for	made stronger,	hollow, 3-D structures	of a design that will look	used to support a	to a framework by using
		different purposes,	stiffer and more	with a thin outer	like the finished product	framework. These include	multiple layers. For
		depending on their	stable by using	covering, such as a	but may not be full size or	cross braces, guy ropes	example, corrugated
		properties. For	cardboard rather	box. Frame structures	made of the same	and diagonal struts.	cardboard can be
		example, cardboard is	than paper and	are made from thin,	materials. Shell and frame	Frameworks can be built	placed with
		a stronger building	triangular shapes	rigid components, such	structures can be	using lolly sticks, skewers	corrugations running
		material than paper.	rather than squares.	as a tent frame. The	strengthened by gluing	and bamboo canes. Build	alternately vertically
		Plastic is light and can	A broader base will	rigid frame gives the	several layers of card	a framework using a	and horizontally.
		float. Clay is heavy and	also make a structure	structure shape and	together, using triangular	range of materials to	Triangular shapes can
		will sink. Construct	more stable. Explore	support. Diagonal	shapes rather than	support mechanisms.	be used instead of
		simple structures,	how a structure can	struts can strengthen	squares, adding diagonal		square shapes because
		models or other	be made stronger,	the structure. Create	support struts and using	*Pharaohs	they are more rigid.
		products using a range	stiffer and more	shell or frame	'Jinks' corners (small, thin		Frameworks can be
		of materials.	stable.	structures using	pieces of card cut into a		further strengthened by
				diagonal struts to	right-angled triangle and		adding an outer cover.
		*All Topics	*Land Ahoy	strengthen them.	glued over each joint to		Select the most
					straighten and strengthen		appropriate materials
				*Predator	them). Prototype shell		and frameworks for
					and frame structures,		different structures,
					showing awareness of		explaining what makes
					how to strengthen, stiffen		them strong.
					and reinforce them.		5
							*A Child's War; Frozen
					*Blue Abyss; Traders and		Kingdom
					Raiders		-

Big Idea	Aspect	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Creativity	Use of ICT	Computer-aided	Computer software		Remote control is	Equipment and devices	Computer monitoring
		design is when	can be used to help		controlling a machine or	can be controlled by	uses sensors as a
		computers are used	design or plan a		activity from a distance.	pressing buttons on a	scientific tool to record
		to help design	product. Advantages		Computers can be used	control panel, such as on	information about
		products. It has	include identifying and		to remotely control a	a washing machine or	environmental changes
		advantages over	solving problems		device, such as a light,	microwave. Link a	over time. Computer
		paper design in that	before the product is		speaker or buzzer. Write	physical device to a	monitoring can also log
		it will show how	made and		a program to control a	computer or tablet so	data from sensors and
		finished products	experimenting with		physical device, such as	that it can be controlled	record the resulting
		will look. Different	different materials and		a light, speaker or	(such as changing motor	information in a table or
		colours and textures	colours. Labels can be		buzzer.	speed or turning an LED	graph. Use a sensor to
		can also be trialled.	added to designs for			on and off) by a program.	monitor an
		Use design software	clarity. Use design		*Blue Abyss		environmental variable,

to create a simple plan for a design.	software to create a simple labelled design	*Time Traveller	such as temperature, sound or light.
	or plan.		
*Paws, Claws and			*ID
Whiskers	*Land Ahoy		

Big Idea	Aspect	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Investigation	Investigation	Specific tools are	Different tools have		Useful tools for cutting	There are many rules for	Precision is important
		used for particular	characteristics that		include scissors, craft	using tools safely and	in producing a polished,
		purposes. For	make them suitable		knives, junior hacksaws	these may vary	finished product.
		example, scissors	for specific purposes.		with pistol grip and	depending on the tools	Correct selection of
		are used for cutting	For example, scissors		bench hooks. Useful	being used. For example,	tools and careful
		and glue is used for	are used for cutting		tools for joining include	someone using a chisel	measurement can
		sticking. Select the	paper because they		glue guns. Tools should	should chip or cut with	ensure the parts fit
		appropriate tool for	have sharp, metal		only be used with adult	the cutting edge pointing	together correctly.
		a simple practical	blades that can cut		supervision and safety	away from their body. All	Select appropriate tools
		task.	through thin materials.		rules must be followed.	tools should be cleaned	for a task and use them
			Select the appropriate		Select, name and use	and put away after use,	safely and precisely.
		*All Topics	tool for a task and		tools with adult	and should not be used if	
			explain their choice.		supervision.	they are loose or	*All Topics
						cracked. Name and	
			*All Topics		* Blue Abyss; Traders	select increasingly	
					and Raiders	appropriate tools for a	
						task and use them safely.	
						*All Topics	

Big Idea	Aspect	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Investigation	Evaluation	A strength is a good	Finished products can	Asking questions can	Evaluation can be done	Testing a product against	Design is an iterative
		quality of a piece of	be compared with	help others to evaluate	by considering whether	the design criteria will	process, meaning
		work. A weakness is	design criteria to see	their products, such as	the product does what it	highlight anything that	alterations and
		an area that could	how closely they	asking them whether	was designed to do,	needs improvement or	improvements are
		be improved. Talk	match. Improvements	the selected materials	whether it has an	redesign. Changes are	made continually
		about their own and	can then be planned.	achieved the purpose of	attractive appearance,	often made to a design	throughout the
		each other's work,	Explain how closely	the model. Suggest	what changes were	during manufacture. Test	manufacturing process.
		identifying strengths	their finished products	improvements to their	made during the making	and evaluate products	Evaluating a product
		or weaknesses and	meet their design	products and describe	process and why the	against a detailed design	while it's being
		offering support.	criteria and say what	how to implement them,	changes were made.	specification and make	manufactured, and
			they could do better in	beginning to take the	Evaluation also includes	adaptations as they	explaining these
		*All Topics	the future.	views of others into	suggesting	develop the product.	evaluations to others,
				account.	improvements and		can help to refine it.

	*All Topics	*All Topics	explaining why they	*All Topics	Demonstrate
			should be made.		modifications made to a
			Identify what has		product as a result of
			worked well and what		ongoing evaluation by
			aspects of their		themselves and to
			products could be		others.
			improved, acting on		
			their own suggestions		*All Topics
			and those of others		
			when making		
			improvements.		
			*All Topics		

Big Idea	Aspect	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Materials	Cutting and	Scissors are used to	A running stitch is a	A loom is a piece of		A collage is artwork made	Pinning with
	joining	cut fabrics. Glue	basic stitch that is used	equipment that is used		by sticking materials, such	dressmaker pins and
	textiles	and simple stitches,	to join fabric. It is	for making fabric by		as scraps of paper or	tacking with quick,
		such as running	made by passing a	weaving wool or thread.		fabric, onto a	temporary stitches
		stitch, can be used	needle in and out of	Weaving involves		background. A mixed	holds fabric together in
		to join fabrics.	fabric at an even	interlacing pieces of		media collage is made	preparation for and
		Running stitch is	distance. Use different	thread or yarn. Cut and		using various materials	during sewing. Pin and
		made by passing a	methods of joining	join wools, threads and		and media, such as ink	tack fabrics in
		needle in and out	fabrics, including glue	other materials to a		and paint. Combine	preparation for sewing
		of fabric at an even	and running stitch.	loom.		stitches and fabrics with	and more complex
		distance. Cut and				imagination to create a	pattern work.
		join textiles using	* Beachcombers	*Gods and Mortals		mixed media collage.	
		glue and simple					*ID
		stitches.				*Time Traveller, Off with	
						Her Head	
		*Bright Lights, Big					
		City					

Big Idea	Aspect	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Materials	Materials	Different materials	Properties of	Materials for a specific	Different materials and	Materials should be cut	It is important to
	for	are suitable for	components and	task must be selected on	components have a	and combined with	understand the
	purpose	different purposes,	materials determine	the basis of their	range of properties,	precision. For example,	characteristics of
		depending on their	how they can and	properties. These	making them suitable	pieces of fabric could be	different materials to
		specific properties.	cannot be used. For	include physical	for different tasks. It is	cut with sharp scissors	select the most
		For example, glass is	example, plastic is	properties as well as	important to select the	and sewn together using	appropriate material for
		transparent, so it is	shiny and strong but it	availability and cost. Plan	correct material or	a variety of stitching	a purpose. This might
		suitable to be used	can be difficult to	which materials will be	component for the	techniques. Select and	include flexibility,
		for windows. Select	paint. Choose	needed for a task and	specific purpose,	combine materials with	waterproofing, texture,
		and use a range of	appropriate	explain why.	depending on the design	precision.	colour, cost and
		materials, beginning	components and		criteria. Recipe		availability. Choose the
		to explain their	materials and suggest	* Gods and Mortals;	ingredients have	*Off with Her Head	best materials for a
		choices.	ways of manipulating	Predator	different tastes and		task, showing an
			them to achieve the		appearances. They look		understanding of their
		*Bright Lights, Big	desired effect.		and taste better and are		working characteristics.
		City; Moon Zoom			cheaper when in season.		
			* Beachcombers; Land		Choose from a range of		*A Child's War; Frozen
			Ahoy		materials, showing an		Kingdom
					understanding of their		_
					different characteristics.		
					*Blue Abyss; Traders		
					and Raiders		

Big Idea	Aspect	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Materials	Decorating	Fabric can be	Embellishment is a		Block printing		Fastenings hold a piece
	and	decorated using	decorative detail or		techniques and fabric		of clothing together.
	embellishing	materials and small	feature added to		paint are used to create		Types of fastenings
	textiles	objects, such as	something to make it		decorative, repeated		include zips, press
		buttons and sequins.	more attractive. Add		patterns on fabrics.		studs, Velcro and
		Decorations can be	simple decorative		Create detailed		buttons. Use different
		attached to the	embellishments, such		decorative patterns on		methods of fastening
		fabric by gluing,	as buttons, prints,		fabric using printing		for function and
		stapling or tying.	sequins and appliqué.		techniques.		decoration, including
		Use gluing, stapling					press studs, Velcro and
		or tying to decorate	*Beachcombers		*Traders and Raiders		buttons.
		fabric, including					
		buttons and sequins.					*ID
		*Bright Lights, Big					
		City					

Big Idea	Aspect	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Nature	Food	Using non-standard	Some ingredients need	Preparation techniques	Cooking techniques	Sweet dishes are usually	Ingredients can usually
	preparation	measures is a way of	to be prepared before	for savoury dishes	include baking, boiling,	desserts, such as cakes,	be bought at
	and	measuring that does	they can be cooked or	include peeling,	frying, grilling and	fruit pies and trifles.	supermarkets, but
	cooking	not involve reading	eaten. There are many	chopping, deseeding,	roasting. Identify and	Savoury dishes usually	specialist shops may
		scales. For example,	ways to prepare	slicing, dicing, grating,	use a range of cooking	have a salty or spicy	stock different items.
		weight may be	ingredients: peeling	mixing and skinning.	techniques to prepare a	flavour rather than a	Greengrocers sell fruit
		measured using a	skins using a vegetable	Prepare and cook a	simple meal or snack.	sweet one. Use an	and vegetables,
		balance scale and	peeler, such as potato	simple savoury dish.		increasing range of	butchers sell meat,
		lumps of plasticine.	skins; grating hard		*I Am Warrior	preparation and cooking	fishmongers sell fresh
		Length may be	ingredients, such as	*Tribal Tales		techniques to cook a	fish and delicatessens
		measured in the	cheese or chocolate;			sweet or savoury dish.	usually sell some
		number of hand	chopping vegetables,				unusual prepared foods,
		spans or pencils laid	such as onions and			*Time Traveller; Pharaohs	as well as cold meats
		end to end. Measure	peppers and slicing				and cheeses. Follow a
		and weigh food	foods, such as bread				recipe that requires a
		items using non-	and apples. Prepare				variety of techniques
		standard measures,	ingredients by peeling,				and source the
		such as spoons and	grating, chopping and				necessary ingredients
		cups.	slicing.				independently.
		*Bright Lights, Big	*Beachcombers				*A Child's War
		City					

Big Idea	Aspect	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Nature	Nutrition	Fruit and vegetables	A healthy diet should	There are five main food	Healthy snacks include	A balanced diet gives your	Eating a balanced diet is
		are an important	include meat or fish,	groups that should be	fresh or dried fruit and	body all the nutrients it	a positive lifestyle
		part of a healthy	starchy foods (such as	eaten regularly as part of	vegetables, nuts and	needs to function	choice that should be
		diet. It is	potatoes or rice), some	a balanced diet: fruit and	seeds, rice cakes with	correctly. This means	sustained over time.
		recommended that	dairy foods, a small	vegetables;	low-fat cream cheese,	eating a wide variety of	Food that is high in fat,
		people eat at least	amount of fat and	carbohydrates (potatoes,	homemade popcorn or	foods in the correct	salt or sugar can still be
		five portions of fruit	plenty of fruit and	bread, rice and pasta);	chopped vegetables	proportions. Evaluate	eaten occasionally as
		and vegetables	vegetables. Describe	proteins (beans, pulses,	with hummus. A healthy	meals and consider if they	part of a balanced diet.
		every day. Select	the types of food	fish, eggs and meat);	packed lunch might	contribute towards a	Plan a healthy daily diet,
		healthy ingredients	needed for a healthy	dairy and alternatives	include a brown or	balanced diet.	justifying why each
		for a fruit or	and varied diet and	(milk, cheese and	wholemeal bread		meal contributes
		vegetable salad.	apply the principles to	yoghurt) and fats (oils	sandwich containing	*Time Traveller	towards a balanced
			make a simple, healthy	and spreads). Foods high	eggs, meat, fish or		diet.
		*Bright Lights, Big	meal.	in fat, salt and sugar	cheese, a piece of fresh		
		City, Moon Zoom		should only be eaten	fruit, a low-sugar		*A Child's War
			*Beachcombers	occasionally as part of a	yoghurt, rice cake or		
				healthy, balanced diet.	popcorn and a drink,		
				Identify the main food	such as water or semi-		

		groups (carbohydrates, protein, dairy, fruits and vegetables, fats and sugars).	skimmed milk. Design a healthy snack or packed lunch and explain why it is healthy.	
		*Tribal Tales	*I Am Warrior	

Big Idea	Aspect	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Nature	Origins of	Some foods come	Food comes from two	The types of food that	Particular areas of the	Seasonality is the time	Organic produce is food
	food	from animals, such	main sources: animals	will grow in a particular	world have conditions	of year when the	that has been grown
		as meat, fish and	and plants. Cows provide	area depend on a range	suited to growing certain	harvest or flavour of a	without the use of man-
		dairy products.	beef, sheep provide	of factors, such as the	crops, such as coffee in	type of food is at its	made fertilisers,
		Other foods come	lamb and mutton and	rainfall, climate and soil	Peru and citrus fruits in	best. Buying seasonal	pesticides, growth
		from plants, such as	pigs provide pork, ham	type. For example, many	California in the United	food is beneficial for	regulators or animal
		fruit, vegetables,	and bacon. Examples of	crops, such as potatoes	States of America.	many reasons: the food	feed additives. Organic
		grains, beans and	poultry include chickens,	and sugar beet, are	Identify and name foods	tastes better; it is	farmers use crop
		nuts. Sort foods into	geese and turkeys.	grown in the south-east	that are produced in	fresher because it	rotation, animal and
		groups by whether	Examples of fish include	of England. Wheat,	different places in the	hasn't been transported	plant manures, hand-
		they are from an	cod, salmon and	barley and vegetables	UK and beyond.	thousands of miles; the	weeding and biological
		animal or plant	shellfish. Milk comes	grow well in the east of		nutritional value is	pest control. Explain
		source.	mainly from cows but	England. Identify and	*I Am Warrior	higher; the carbon	how organic produce is
			also from goats and	name foods that are		footprint is lower, due	grown.
		*Bright Lights, Big	sheep. Most eggs come	produced in different		to reduced transport; it	
		City, Moon Zoom	from chickens. Honey is	places.		supports local growers	*A Child's War
			made by bees. Fruit and			and is usually cheaper.	
			vegetables come from	*Tribal Tales		Describe what	
			plants. Oils are made			seasonality means and	
			from parts of plants.			explain some of the	
			Sugar is made from			reasons why it is	
			plants called sugar cane			beneficial.	
			and sugar beet. Plants				
			also give us nuts, such as			*Time Traveller	
			almonds, walnuts and				
			hazelnuts. Identify the				
			origin of some common				
			foods (milk, eggs, some				
			meats, common fruit				
			and vegetables).				
			*Beachcombers , Wiggle				
			and Crawl				

Big Idea	Aspect	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Comparison	Compare	Two products can be	Products can be	Work from different	A comparison table can	A focus group is a small	Products and inventions
	and	compared by looking	compared by looking	designers can be	be used to compare	group of people whose	can be compared using
	contrast	at a set of criteria	at particular	compared by assessing	products by listing	reactions and opinions	a range of criteria, such
		and scoring both	characteristics of each	specific criteria, such as	specific criteria on which	about a product are taken	as the impact on
		products against	and deciding which is	their visual impact,	each product can be	and studied. Evaluations	society, ease of use,
		each one. Describe	better suited to the	fitness for purpose and	judged or scored. Create	can be made by asking	appearance and value
		the similarities and	purpose. Compare	target market. Explain	and complete a	product users a selection	for money. Create a
		differences between	different or the same	the similarities and	comparison table to	of questions to obtain	detailed comparative
		two products.	products from the	difference between the	compare two or more	data on how the product	report about two or
			same or different	work of two designers.	products.	has met its design	more products or
		*All Topics	brands.			criteria. Survey users in a	inventions.
				*All Topics	*All Topics	range of focus groups and	
			*All Topics			compare results.	*All Topics
						*All Topics	

Big Idea	Aspect	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Significance	Significant	The importance of a	Many key individuals	Key inventions in design	Significant designers and	Many new designs and	The significance of a
	people	product may be that	have helped to shape	and technology have	inventors can shape the	inventions influenced	designer or inventor can
		it fulfils its goals and	the world. These	changed the way people	world. Explain how and	society. For example,	be measured in various
		performs a useful	include engineers,	live. Describe how key	why a significant	labour-saving devices in	ways. Their work may
		purpose. Describe	scientists, designers,	events in design and	designer or inventor	the home reduced the	benefit society in
		why a product is	inventors and many	technology have shaped	shaped the world.	amount of housework,	health, transport,
		important.	other people in	the world.		which was traditionally	communication,
			important roles.		*All Topics	done by women. This	education, the built
		*All Topics	Explain why a designer	*All Topics		enabled them to have	environment or
			or inventor is			jobs. Describe the social	technology. It may
			important.			influence of a significant	enhance culture in
						designer or inventor.	different areas, such as
			*All Topics			_	fashion, ceramics or
						*All Topics	computer games.
							Present a detailed
							account of the
							significance of a
							favourite designer or
							inventor.
							*All Topics