

Subject Overview 24/25: Design & Technology









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	Year 3	Year 4	Year 5	Year 6
	Design	Design	Design	Design
	Show that the design meets a range of	Show that designs meet a range of	Come up with a range of ideas after collecting	Use a range of information to inform
	requirements.	requirements.	information.	designs.
	Put together a plan which shows the	Come up with at least one idea about how to	Take a user's view into account when designing.	Use market research to inform plans.
	order and also which equipment and tools are needed.	create the product.	Duaduras a datailad atau hu atau ulau	Work within constraints.
	tools are needed.	Take account of the ideas of others when	Produce a detailed step-by-step plan.	work within constraints.
	Describe designs using an accurately	designing.	Suggest some alternative plans and say what the	Follow and refine plans, if necessary.
	labelled sketch and words.	designing.	good points and drawbacks are about each.	ronow and renne plans, it necessary.
		Produce a plan and explain it to others.	0	Justify plans to someone else.
ŝ	Take account of the ideas of others when		Use cross sectional planning to show designs.	
Curriculum objectives	designing.	Describe designs using an accurately labelled		Consider culture and society in designs.
bjec		sketch and words.	Produce prototypes to show ideas.	
o u	Say how realistic their plan is.	Constant and the second s	No.1	Use exploded diagrams to show my
nIu	Make	Suggest some improvements and say what was good and not so good about the original	Make	designs.
urric	Can I use equipment and tools	design.	Can I explain why my finished product is going	Use computer aided designs to show ideas.
ō	accurately?		to be of good quality?	
		<u>Make</u>	Can I explain how my product will appeal to	<u>Make</u>
	Can I stop and think about how good my	Can I show I am conscience of the	the audience?	Can I use tools and materials
	product is going to end up?	need to produce something that		precisely?
		will be liked by others?	Can I use a range of tools and equipment	
	<u>Evaluate</u>	Can I show a good level of expertise when	expertly?	Do I change the way I am working if
	Can I say what I would change which	using a range of tools and equipment?		needed?
	made my design even better?		Can I think about the aesthetic qualities of	
		Can I explain how my product will appeal	my work?	Con I think about the posthetic surgities
	Can I practice my evaluation skills by	to the audience?	Can I think about the functionality of my work?	Can I think about the aesthetic qualities of my work?
	evaluating existing products?		can rannik about the ranctionality of my work:	





Subject Overview 24/25: Design & Technology

	experi Evalua Can my c Can both Can I p	uate n I begin to explain how I can improve original design? n I evaluate my product, thinking of th appearance and the way it works? I practice my evaluation skills by uating existing products against set ria?	Evaluate Do I keep checking that my design is the best it can be? Can I check whether anything could be improved? Can I evaluate appearance and function against the original criteria? Can I test and evaluate my final product? Can I say if my product is fit for purpose? Can I practice my evaluation skills by evaluating existing products against criteria which I have set?	Can I think about the functionality of my work? Evaluate Can I test and evaluate my final product? Can I say if my product is fit for purpose? Can I evaluate what would improve it? Can I evaluate if different resources would have improved my product? Can I say if I would need more or different information to make it even better? Can I practice my evaluation skills by evaluating existing products against criteria which I have set?
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Subject Overview 24/25: Design & Technology

Vocabulary user, purpose, design, model, evaluate, prototype, annotated sketch, functional, innovative, investigate, label, drawing, function, planning, design criteria, annotated sketch, appealing	Vocabulary evaluating, design brief, design criteria, innovative, prototype, user, purpose, function, prototype, design criteria, innovative, appealing, design brief, planning, annotated sketch, sensory evaluations	Vocabulary design decisions, functionality, authentic, user, purpose, design specification, design brief, innovative, research, evaluate, design criteria, annotate, evaluate, mock-up, prototype	Vocabulary function, innovative, design specification, design brief, user, purpose design brief, design specification, prototype, annotated sketch, purpose, user, innovation, research, functional, mock-up, prototype
* Vocabulary in red are new words to be introduced			
**Vocabulary in black are words previously introduced in DT topics.			







Subject Overview 24/25: Design & Technology

	<u>Technical Knowledge</u> Textiles: Can I join textiles of different types in different ways?	Technical Knowledge Stiff and flexible sheet materials: Can I measure carefully so as to make sure I have not made mistakes?	Technical Knowledge Electrical & mechanical components: Can I incorporate a switch into my product? Can I refine my product after testing it?	Technical Knowledge Textiles: Can I think what the user would want when choosing textiles?
	Can I choose textiles both for their appearance and also qualities? Cooking and nutrition: Can I choose the right ingredients for a product?	Can I attempt to make my product strong? Cooking and nutrition: Can I describe what I do to be both hygienic and safe?	Can I incorporate hydraulics and pneumatics? Can I use different kinds of circuit in my product?	Can I make my product attractive and strong? Can I make up a prototype first? Can I use a range of joining techniques?
NTATION	Can I use equipment safely? Can I make sure that my product looks attractive?	Can I present my product well? Moldable materials: Can I take time to consider how I could have made my idea better? Can I work at my product even though their	Can I think of ways in which adding a circuit would improve my product? Moldable materials: Can I consider the use of the product when selecting	Can I think about how my product could be sold? Can I give considered thought about what would improve my
IMPLEMENTATION	Can I describe how my combined ingredients come together?	original idea might not have worked? Technical knowledge Apply their understanding of how to	materials? Can I say how my product meets all design criteria?	Electrical and mechanical components: Can Luse
	Can I set out to grow plants such as cress and herbs from seed with the intention of using them for my food product? Stiff and flexible sheet materials:	strengthen, stiffen and reinforce more complex structures Understand and use mechanical systems in their products, such as gears, pulleys, cams, levers and linkages	Stiff and flexible sheet materials: Can I measure accurately enough to ensure that everything is precise? Can I ensure that my product is strong and fit for purpose?	different kinds of circuit in my product? Can I think of ways in which adding a circuit would improve my
	Can I use the most appropriate materials? Can I work accurately to make cuts and holes? Can I join materials?	Understand and use electrical systems in their products, such as series circuits incorporating switches, bulbs, buzzers and motors Apply their understanding of computing to programme, monitor and control their products.	Technical knowledge Apply their understanding of how to strengthen, stiffen and reinforce more complex structures Understand and use mechanical systems in their products, such as gears, pulleys, cams, levers and linkages	Moldable materials: Can I consider the use of the product when selecting materials?







Subject Overview 24/25: Design & Technology

Technical knowledge Apply their understanding of how to strengthen, stiffen and reinforce more complex structures Understand and use mechanical systems in their products, such as gears, pulleys, cams, levers and linkages Understand and use electrical systems in their products, such as series circuits incorporating switches, bulbs, buzzers and motors Apply their understanding of computing to programme, monitor and control their products. Cooking and Nutrition understand and apply the principles of a healthy and varied diet prepare and cook a variety of predominantly savory dishes using a range of cooking techniques Understand seasonality, and know where and how a variety of ingredients are grown, reared, caught and processed	Cooking and Nutrition understand and apply the principles of a healthy and varied diet prepare and cook a variety of predominantly savory dishes using a range of cooking techniques Understand seasonality, and know where and how a variety of ingredients are grown, reared, caught and processed Power it up How do I make a good light? I can talk about how to be safe when using electricity. I can make a simple circuit using a battery, light bulb, switch and connecting wires. I can find and correct a fault in a simple circuit. I can identify how torches are designed with the particular needs of the user and how these needs can vary widely. I can discuss how torches are made from a variety of materials suited to the purpose for which they are intended. I can identify the user's specific needs and prioritise these in a specification. I can plan for a new product using drawings with labels. I can evaluate my work throughout the making	Understand and use electrical systems in their products, such as series circuits incorporating switches, bulbs, buzzers and motors Apply their understanding of computing to programme, monitor and control their products. Cooking and Nutrition understand and apply the principles of a healthy and varied diet prepare and cook a variety of predominantly savory dishes using a range of cooking techniques Understand seasonality, and know where and how a variety of ingredients are grown, reared, caught and processed The Marvellous Mayans How did the Mayans make fabric? I can construct a weaving loom based on my research. I can select colours and fabrics similar to those used by the Mayans (research) I can create a piece of fabric in the style of the Mayans on a loom I have made. I can evaluate my work and explain the good elements of my work and also how it can be improved.	Can I say if my product meets all design criteria? Technical knowledge Apply their understanding of how to strengthen, stiffen and reinforce more complex structures Understand and use mechanical systems in their products, such as gears, pulleys, cams, levers and linkages Understand and use electrical systems in their products, such as series circuits incorporating switches, bulbs, buzzers and motors Apply their understanding of computing to programme, monitor and control their products. Cooking and Nutrition understand and apply the principles of a healthy and varied diet prepare and cook a variety of predominantly savory dishes using a range of cooking techniques Understand seasonality, and know where and how a variety of ingredients are grown, reared, caught and processed
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Subject Overview 24/25: Design & Technology

	process and when the product is complete. I can design and make a product which takes into account the needs of a specific user. I can evaluate my torch against the original design criteria; identify modifications that may be needed and check that the product is safe to use.	I can evaluate my plan to say what changes if any had to be made in order to improve my work.	
Vocabulary utensils, techniques, ingredients texture, taste, sweet, sour, hot, spicy, appearance, smell, preference, greasy, moist, cook, fresh, savoury, hygienic, edible, grown, reared, caught, frozen, tinned, processed, seasonal, harvested healthy/varied diet * Vocabulary in red are new words to be introduced **Vocabulary in black are words previously introduced in DT topics.	<u>Vocabulary</u> utensils, techniques, ingredients texture, taste, sweet, sour, hot, spicy, appearance, smell, preference, greasy, moist, cook, fresh, savoury, hygienic, edible, grown, reared, caught, frozen, tinned, processed, seasonal, harvested healthy/varied diet, specific user,	Vocabulary ingredients, yeast, dough, bran, flour, wholemeal, unleavened, baking soda, spice, herbs fat, sugar, carbohydrate, protein, vitamins, nutrients, nutrition, healthy, varied, gluten, dairy, allergy, intolerance, savoury, source, seasonality utensils, combine, fold, knead, stir, pour, mix, rubbing in, whisk, beat, roll out, shape, sprinkle, crumble	<u>Vocabulary</u> ingredients, yeast, dough, bran, flour, wholemeal, unleavened, baking soda, spice, herbs fat, sugar, carbohydrate, protein, vitamins, nutrients, nutrition, healthy, varied, gluten, dairy, allergy, intolerance, savoury, source, seasonality utensils, combine, fold, knead, stir, pour, mix, rubbing in, whisk, beat, roll out, shape, sprinkle, crumble





Subject Overview 24/25: Design & Technology

Possible DT Activities	Possible DT Activities	Possible DT Activities	Possible DT Activities
Earth Rocks!	Favourite Stories	Volatile Volcanoes	Where in the World
How can I create a juggling ball?	Do I prefer moving or non-moving books?		
I can explain why we need to analyse products.		What does it look like when a volcano erupts?	Do people in different countries eat different
I can investigate and evaluate different	I can investigate and evaluate products with levers	I can name the different parts of a volcano (research)	food?
features such as colour, shape, child appeal,	and linkage systems in order to learn how they	I can explain the different types of volcanoes including	I can name a variety of ingredients from
decoration and function.	function.	their different shapes and distinguishing features e.g.	different countries.
I can think about design criteria when creating	I can use appropriate vocabulary to describe	conduit etc. (research)	I can identify on a map where different
my design, discussing my ideas confidently and	materials and mechanisms.		ingredients flourish
annotating clearly.	I can describe how different mechanisms can be	I can produce a step by step plan to show what I am	5
I can aim my design at a particular group.	used to produce different types of movements.	going to do.	I can suggest how different ingredients might be
I can decide which design technique I want to	I can produce a range of different mechanisms and	I can illustrate my instructions by using cross sectional	prepared and used.
use.	develop an understanding of how they work.	drawings	I can explain similarities and differences of food
I can correctly place elastic bands or strings	I can cut and shape materials and components	Loop construct the basic shape of muucleope suing	eaten around the world and can say why this is
onto my product.	with some precision to enable their mechanism	I can construct the basic shape of my volcano suing papier mache .	important.
I can carefully dye my fabric.	examples work.		I can group food from around the world into the
I can trial different fillings such as beans, rice,	I can explore, develop and communicate my	I will consider a suitable vessel to put inside my model	correct food group.
lentils and sand, selecting the filling which I	design proposals by modelling a variety of ideas.	so that I can include a real eruption upon completion	
think will be most functional. I can use a running stitch to create a hem,	I can produce an outline plan that identifies the main stages for making the book.	I can select a suitable paintable material to add as an	I can discuss the nutritional benefits of rice.
explaining why a hem is important.	I can identify an audience and purpose for my	outer layer on my model.	I can follow a recipe to measure ingredients
I can carefully cut around a template.	book.	I can use my art skills to replicate the out outside of my	accurately.
I can carefully copy my design onto fabric using	I can identify what is and is not working well in my	volcano.	I can scale my recipe up or down.
pencils first and then using fabric paint or pens.	book.		, , , ,
I can explain why we use different stitches.	I can identify what makes a good quality finish.	I can create a prototype eruption to experiment using	I can grate and dice food.
I can use an overcast stitch to join my juggling	I can evaluate my book against the design criteria	different amounts of ingredients in order to create the	I can use some more advanced food skills and
ball.	and identify ways of improving the design.	most effective eruption	techniques, such as frying.
I can fill my juggling ball to create a finished		I can measure and prepare the ingredients that will	I can use some basic skills such as cracking an
shape.	What's that Sound?	create a chemical reaction eruption (science link)	egg, peeling and slicing.
I can explain how well my design has met the	How do we create different sounds?	I can evaluate my model as part of a team and suggest	
design criteria.	I can investigate, disassemble and evaluate a range	improvements.	I can use some more advanced food skills and
I can evaluate my work as part of a team and	of musical instrument to learn how they function.		techniques, such as baking.
suggest improvements.	I can relate the way things to work to their		I can set up a neat and orderly cooking area.
	intended purpose, how materials and how	The Victorians	I can assess my ability to use different cooking
		How can I use book creator to showcase the	techniques.
Stone Age		information I have found out about life in Victorian	coniques.
What would my favourite book character like		times?	
		<u>unicor</u>	







Subject Overview 24/25: Design & Technology

	or their dinner? can name common herbs such as thyme, hasil, mint, parsley, tarragon and rosemary. can explain how to plant and care for herbs, onsidering their need for warm conditions. can explain the eatwell plate and which foods should be eating more or less of. can carefully follow a recipe to create a halanced meal. can say how to plant and look after my own trawberry plant. can safely and correctly use a range of kitchen ools such as a knife, a whisk and a masher. can measure ingredients accurately to the tearest millilitre. can create a runny, tasty, smooth drink and explain why it is good for me. can explain that tomato seeds need warmth nd water to start to grow and can explain that his is best achieved in warm seasons. can assemble and cook ingredients including ontrolling the temperature on an induction tob. can prepare ingredients safely and hygienically using appropriate cooking utensils o create tomato sauce or bruschetta.	components have been used. I can combine and join materials components accurately in temporary ways. I can describe how different types of sound can be made using different techniques. I can identify a purpose for my instrument. I can develop a clear idea of what has to be done and plan how to use different resources. I can select appropriate materials, tools and techniques. I can use information sources including ICT to help with my designing. I can evaluate my design and ideas as they are developing and indicate ways of improving. I can evaluate my own work and the work of others considering the purpose for which the product is intended.	I can use the Book Creator App on the ipad. I can use my research information to create an e book about the Victorians. I can design and make a product which takes into account the needs of a specific user. I can consider my target audience when I am designing my book e.g. text size, use of pictures, language used etc. I can suggest some alternative plans for my book, suggesting any points that could be improved on or how the book could be changed to reach a different target audience.	The Rise and Fall of the Roman Empire What makes an exciting fairground? I can include an electric motor in a simple circuit. I can control the direction of rotation and speed of the motor using a pulley and belt. I can use the appropriate vocabulary related to control systems. I can model my ideas for my product using mechanism from a set of instructions. I can make decisions with regard to the type of ride I will make. I can plan what I have to do. I can control a model using an interface connection to a computer. I can suggest ways my ride could be improved.
1	'he Local Area Iow would I design a frame to hold a picture If Longton?			What could I design to keep my phone safe?
5	can describe why it is important for a tructure to be free standing. can disassemble and evaluate familiar			People. I can evaluate phone cases considering appearance, function and safety.







Subject Overview 24/25: Design & Technology

products. I can discuss the ways of making a stable		I can think about the aesthetics and functionality of a phone case.
structure and strengthening paper,		•
I can talk about the effectiveness of		I can create innovative designs thinking about
triangulation in structures.		my target market and listening to other people's ideas.
I can use a range of different joining		
techniques.		I can sketch my design from different angles and
I can hazards, assess consequent risks and take steps to control these risks.		add detailed annotations to my design.
I can consider who I am designing for.		I can transfer measurements onto squared
I can implement my prior learning about		paper.
stiffness and stability into my design proposals.		I can explain why templates are necessary and
I can make drawings with labels when I am		use a template accurately.
designing.		
I can evaluate my product against the original		I can choose which stitch to use on my final
design criteria.		phone case, explaining my choices clearly.
I can give a simple explanation about the		I can use a back stitch, whipstitch and over
product I have made.		stitch.
		I can create a step-by-step plan to show the
		main stages of making.
		I can evaluate my on-going work.
		, , ,
		I can use decorative techniques to achieve a
		well-constructed and finished slipper.
		I can evaluate my phone case critically against
		the design specification.
		I can identify strengths in my product.
		I can identify areas for development in my
		product and suggest modifications I could have
		made to solve these.







Subject Overview 24/25: Design & Technology

Intent (Skills/ knowledge): At Alexandra Junior School, pupils use their creativity and imagination to design and make products that solve problems in a range of contexts. The draw on the disciplines of other subjects such as: maths, science, engineering, computing and art. Pupils learn how to become resourceful and innovative. They will become able to evaluate notable designers and existing products to inspire them to create their own ideas and designs.

DT curriculum and Pedagogy

Through the study of design and technology, the children combine practical skills with an understanding of aesthetic, social and environmental issues. Design and technology helps all children to become discerning and informed consumers and potential innovators. It provides children with a greater awareness and understanding of how everyday products are designed and made.

Our aims are:

- to develop imaginative thinking in children and to enable them to talk about what they like and dislike when designing and making;
- to enable children to talk about how things work, and to draw and model their ideas;
- to encourage children to select appropriate tools and techniques for making a product, whilst following safe procedures;
- to foster enjoyment, satisfaction and purpose in designing and making;
- to use ICT software to assist our designing and learning.

Teaching and Learning

We use a variety of teaching and learning styles in design and technology lessons. Teachers ensure that the children apply their knowledge and understanding when developing ideas, planning, making products and evaluating them.

We do this through a mixture of whole class teaching and individual/group activities. All children's ideas are treated with respect and they are encouraged to critically evaluate their own work and that of others. They have the opportunity to use a wide range of materials and resources, including ICT.







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We teach design and technology to all pupils, whatever their ability, and provide learning opportunities that enable them to make progress. We do this by setting suitable learning challenges and respond to children's individual needs. We strive to support individual needs and enable children to achieve their full potential through appropriate challenge and questioning.

Children are encouraged to think and work independently and collaboratively evaluating, extending and improving their ideas.

Adaptive Teaching/SEND

Our Design and Technology curriculum allows for inclusivity, allowing all children to engage with their lessons. It is our belief that all children have an equal right to a broad and balanced curriculum, which enables them to meet their full potential. Through our teaching, we provide learning opportunities that enable all pupils to make good progress. We strive hard to meet the needs of those pupils with special educational needs, those with disabilities, those who are deemed more-able and talented and those learning English as an additional language, and we make all reasonable adjustments to achieve this.

Reading for learning

Reading for learning is encouraged to enable learners to gain more information about the units being covered. E.G. evidence in floor books of related Design and Technology topics in guided reading sessions. Each year group also has a box of books for reading around the curriculum. Within this box, there are books for every unit covered, these are for use before, during and after units are taught.

The Curriculum

Children are given the opportunity to work within three main areas of development during each topic:

investigative tasks including analysing existing products;





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- focused practical tasks allowing children to learn, practice and develop key skills;
- design and make assignments allowing children to apply their knowledge, skills and understanding when developing their ideas and creations.

Across Key Stage 2, we plan design and technology activities so that they build upon prior learning of the children. We give children of all abilities the opportunity to develop their skills, knowledge and understanding and ensuring progressive challenge, breadth and depth to their design and making. The units are focused on the following areas:

- cooking and nutrition;
- materials;
- construction including mechanics.

Where possible the planning is completed through a cross curricular approach ensuring that design technology has a link to the topic/s being studied.

Subjects such as English, Maths, Science and Computing are reinforced through design and technology by giving children the opportunity to:



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- apply methods of calculation and measurement to real life situations;
- write plans, instructions, rationales and evaluations;
- articulate ideas and compare and contrast their views with others;
- discuss views and clarify design ideas; ٠
- use a range of increasingly technical vocabulary;
- apply scientific knowledge to designs and inventions;
- use a range of resources including computer design.

Assessment

In design and technology, teachers assess children's progress by making observations during lessons and discussions, marking design sheets and evaluating end products. Teachers make progress judgements against learning objectives and staged success criteria.

At the end of a unit, children review their own and each other's work, focusing upon an evaluation of the finished product and how effectively it meets the learning objective.

Due to the practical nature of design and technology, evidence of work undertaken by children can be in the form of teacher's notes or as a photographic record. Samples of the design process and end product are also valuable evidence.













Subject Overview 24/25: Design & Technology

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<u>SMSC</u>

Spiritual development in Design and Technology aims to foster the mystery of how and why things work and the reasons and research that have happened so far. It helps children to realise the significance of how individuals in the past have seen the world and how through reinvestigating and through the development of new ideas and theories we can build on what has been suggested before.

Moral development in Design and Technology aims to encourage pupils to comment on moral questions and dilemmas from past scientific enquiries. This will aid the children to empathise with the decisions that people from the past had to make. They will also become more open minded when considering the actions and decisions of people from the past e.g. unsuccessful engineering that has had an impact on the world e.g. the Titanic.

Social development encourages the children to think about what societies from the past have done for us. In Design and Technology, it promotes the children's own social development through collaboration with their peers and problem solving.

Cultural development in Design and Technology develops a better understanding of our own multicultural society through studying links between local, British, European and world influence in engineering development. It allows children to gain an understanding of what it means to be an engineer and that engineers and designers come from different cultures as well as many other walks of life.







Subject Overview 24/25: Design & Technology

Notea	ble Designers	
Year 3		Great builders and architects
Wilhelm Conrad Roentgen	Developed X ray machine (nutrition,	Isambard Kingdom Brunel (designer
	skeletons, etc)	of bridges and steamships)
Nazca Culture	Rocks – Nazca lines	
Galileo Galilei	Plants – (1609 – inventor of the	
	microscope.)	Gustave Eiffel (Builder of the
Han Dynasty (China) between the 2nd	Forces and Magnets (inventors of the	Eiffel Tower)
century BC and 1st century AD	magnetic compass)	
Sir Isaac Newton	Light (Split light using a prism, 1672)	Augustus Pugin (architect of Big
Hippolyte Marié-Davy	Light (inventor of the periscope)	
		Ben)
Imhotep	Architect of the great Egyptian pyramid	
Year 4		
Boyan Slat	Habitats - Slat created a 62-mile	
	underwater, V-shaped barrier to trap	
	plastic trash as it floats along ocean	
Basil Hirschowitz and Larry Curtiss	currents Digestion – (inventors the first fiber optic	
Dash mischowitz and Larry Gurtiss	endoscope in 1957)	
Kevin Kumala	States of Matter – (designer of	
	biodegradable carrier bag)	
John Logie Baird	Electricity (inventor of the TV)	
Alexander Graham Bell	Sound (inventor of the telephone)	







Subject Overview 24/25: Design & Technology

Year 5	
Zang Heng	Extreme Earth (Inventor of the
	seismograph)
The Mayans	Materials (development of chocolate)
Great potters of Stoke on Trent	John Turner (experimented and
	discovered different types of clay
	(including peacock marl) around Stoke on Trent)
Robert H. Goddard	Space (inventor of liquid fueled rocket)
Robert H. Goudard	Space (inventor of inquia fueled focket)
Cornelis Drebbel	Forces (inventor of the submarine)
1851, Reverend Lorenzo Lorraine	Habitats (designer of the bee hive)
Langstroth	
	Lifecycles
Year 6	
Greeks	Archimedes Screw -3rd century BC
Vikings	Viking - (ship building)
Reginald Mitchell	Word War 2 (– designer of the spitfire)
Obstetrician Ian Donald	Circulatory System (inventor of the
	ultrasound, 1956)
Hippolyte Marié-Davy	Light (inventor of the periscope)
Sir Isaac Newton	Light (Split light using a prism, 1672)
Nikola Tesla	Electricity (breakthroughs in the
	production, transmission and application
	of electric power.)





Subject Overview 24/25: Design & Technology

Charles Pabhaga and Ada Louislass	Inventors of the computer (1040c)
Charles Babbage and Ada Lovelace	Inventors of the computer (1840s)
DT Visits	
Year 3	
Gladstone Pottery Museum	Design plates (Clarice Cliff, make pottery
Glaustone Fottery Museum	flowers etc)
Manchastar Musaure	
Manchester Museum	Egyptians (build a pyramid / jesellery
XZ A	designs etc)
Year 4	
Dewa Centre (Chester)	Roman buildings / arches/
Year 5	
Hales Farm Estate	Den building, woodland experience
Year 6	



