



### Year 8 Design & Technology - Cooking & Nutrition Learning Programme 4

The LORIC skill focus for his LP is: INITIATIVE.		Literacy:
The Moral Virtues focus for this LP are: INTEGRITY and GRATITUDE.		Capital letters must be used at the start
Integrity - Having strong moral principles.		of sentences and for the first letter of
Gratitude - Feeling and expressing thanks.		proper nouns  • Full stops must be used at the end of a
What will I be learning about in this Learning Programme?		sentence
The foods we should eat through analysing diets, developing knowledge of the functions of nutrients and ways to meet our changing	g nutritional needs.	Question marks must be used at the
		end of a question
		<ul> <li>Apostrophes should only be used for</li> </ul>
		possession or omission
Where have I seen this learning before?	:	Days of the week and months must be
In year 7 you learnt about controlling the 4Cs of food safety to prevent food poisoning bacteria multiplying and how to ensure our fidevelop knowledge on the basic functions of nutrients needed for a healthy diet.	ood is safe to eat. You also	<ul> <li>spelled correctly</li> <li>Key words must be spelled correctly</li> </ul>
develop knowledge on the basic functions of fluthents needed for a fleating diet.		key words must be spelled correctly
What could I use it for?		
The topics in this Learning Programme are the key building blocks for many food topics over your next 4 years and will have links int	to many other subjects you	
study. It will also equip you with knowledge and recipes to cook healthy balanced meals at home.		
In LP4.1, I will know: 04/03/24 - (WK 1)	Key Vocabulary	Homework
the functions and food sources of macro nutrients;		Micro and macro nutrients.
the functions and food sources of micro nutrients.	Nutrionts	,
	Nutrients	
In LP4.2, I will know: 11/03/24 - (WK 2)	Key Vocabulary	Homework
my strengths and areas for development from my learning so far;	ney vocabulary	Practical evaluation.
how to apply preparation and cooking techniques to make potato croquettes.		Tractical evaluation.
	Coating	
	, and a	
In LP4.3, I will know: 18/03/24 - (WK 1)	Key Vocabulary	Homework
the nutritional and dietary needs of specific groups.		Dietary needs of specific groups.
	Intolerances	
Extended Task.		
In LP4.4, I will know: 25/03/24 - (WK 2)	Key Vocabulary	Homework
how to adapt dishes;		Adapting a recipe for a group of people.
have to each the accounting and a chica to be invested and a contract to the form		
how to apply the preparation and cooking techniques to make and even batch of sco <mark>nes.</mark>	Glazing	and a section of the
how to apply the preparation and cooking techniques to make and even batch of scones.	Glazing	
how to apply the preparation and cooking techniques to make and even batch of scones.	Glazing	
how to apply the preparation and cooking techniques to make and even batch of scones.  In LP4.5, I will know: 15/04/24 - (WK 1)		Homework
	Glazing Key Vocabulary	
In LP4.5, I will know: 15/04/24 - (WK 1)		Homework
In LP4.5, I will know: 15/04/24 - (WK 1)		Homework
In LP4.5, I will know: 15/04/24 - (WK 1)	Key Vocabulary	Homework
In LP4.5, I will know:  15/04/24 - (WK 1)  the importance of temperature control in reducing food poisoning.	Key Vocabulary	Homework
In LP4.5, I will know:  15/04/24 - (WK 1)  the importance of temperature control in reducing food poisoning.  In LP4.6, I will know:  22/04/24 - (WK 2)	Key Vocabulary	Homework Food Safety and Food Poisoning. Homework
In LP4.5, I will know:  15/04/24 - (WK 1)  the importance of temperature control in reducing food poisoning.	<b>Key Vocabulary</b> Pathogen	Homework Food Safety and Food Poisoning.  Homework Practical evaluation of outcome and
In LP4.5, I will know:  15/04/24 - (WK 1)  the importance of temperature control in reducing food poisoning.  In LP4.6, I will know:  22/04/24 - (WK 2)	Key Vocabulary  Pathogen  Key Vocabulary	Homework Food Safety and Food Poisoning. Homework
In LP4.5, I will know:  15/04/24 - (WK 1)  the importance of temperature control in reducing food poisoning.  In LP4.6, I will know:  22/04/24 - (WK 2)	<b>Key Vocabulary</b> Pathogen	Homework Food Safety and Food Poisoning.  Homework Practical evaluation of outcome and
In LP4.5, I will know:  15/04/24 - (WK 1)  the importance of temperature control in reducing food poisoning.  In LP4.6, I will know:  22/04/24 - (WK 2)  how to apply preparation and cooking techniques to make tear and share bread.	Key Vocabulary  Pathogen  Key Vocabulary	Homework Food Safety and Food Poisoning.  Homework Practical evaluation of outcome and
In LP4.5, I will know:  15/04/24 - (WK 1)  the importance of temperature control in reducing food poisoning.  In LP4.6, I will know:  22/04/24 - (WK 2)  how to apply preparation and cooking techniques to make tear and share bread.  Extended Task.	Pathogen  Key Vocabulary  Kneading	Homework Food Safety and Food Poisoning.  Homework Practical evaluation of outcome and skills.
In LP4.5, I will know:  15/04/24 - (WK 1)  the importance of temperature control in reducing food poisoning.  In LP4.6, I will know:  22/04/24 - (WK 2)  how to apply preparation and cooking techniques to make tear and share bread.  Extended Task.  In LP4.7, I will know:  29/04/24 - (WK 1)	Key Vocabulary  Pathogen  Key Vocabulary	Homework Food Safety and Food Poisoning.  Homework Practical evaluation of outcome and skills.  Homework
In LP4.5, I will know:  15/04/24 - (WK 1)  the importance of temperature control in reducing food poisoning.  In LP4.6, I will know:  22/04/24 - (WK 2)  how to apply preparation and cooking techniques to make tear and share bread.  Extended Task.	Pathogen  Key Vocabulary  Kneading	Homework Food Safety and Food Poisoning.  Homework Practical evaluation of outcome and skills.
In LP4.5, I will know:  15/04/24 - (WK 1)  the importance of temperature control in reducing food poisoning.  In LP4.6, I will know:  22/04/24 - (WK 2)  how to apply preparation and cooking techniques to make tear and share bread.  Extended Task.  In LP4.7, I will know:  29/04/24 - (WK 1)	Rey Vocabulary  Pathogen  Key Vocabulary  Kneading  Key Vocabulary	Homework Food Safety and Food Poisoning.  Homework Practical evaluation of outcome and skills.  Homework
In LP4.5, I will know:  15/04/24 - (WK 1)  the importance of temperature control in reducing food poisoning.  In LP4.6, I will know:  22/04/24 - (WK 2)  how to apply preparation and cooking techniques to make tear and share bread.  Extended Task.  In LP4.7, I will know:  29/04/24 - (WK 1)	Pathogen  Key Vocabulary  Kneading	Homework Food Safety and Food Poisoning.  Homework Practical evaluation of outcome and skills.  Homework
In LP4.5, I will know:  15/04/24 - (WK 1)  the importance of temperature control in reducing food poisoning.  In LP4.6, I will know:  22/04/24 - (WK 2)  how to apply preparation and cooking techniques to make tear and share bread.  Extended Task.  In LP4.7, I will know:  29/04/24 - (WK 1)	Rey Vocabulary  Pathogen  Key Vocabulary  Kneading  Key Vocabulary	Homework Food Safety and Food Poisoning.  Homework Practical evaluation of outcome and skills.  Homework
In LP4.5, I will know:  15/04/24 - (WK 1)  the importance of temperature control in reducing food poisoning.  In LP4.6, I will know:  22/04/24 - (WK 2)  how to apply preparation and cooking techniques to make tear and share bread.  Extended Task.  In LP4.7, I will know:  29/04/24 - (WK 1)	Pathogen  Key Vocabulary  Kneading  Key Vocabulary  Stir frying	Homework Food Safety and Food Poisoning.  Homework Practical evaluation of outcome and skills.  Homework
In LP4.5, I will know:  15/04/24 - (WK 1)  the importance of temperature control in reducing food poisoning.  In LP4.6, I will know:  122/04/24 - (WK 2)  how to apply preparation and cooking techniques to make tear and share bread.  Extended Task.  In LP4.7, I will know:  29/04/24 - (WK 1)  how to apply preparation and cooking techniques to make chicken fajitas.	Rey Vocabulary  Pathogen  Key Vocabulary  Kneading  Key Vocabulary	Homework Food Safety and Food Poisoning.  Homework Practical evaluation of outcome and skills.  Homework Preparation and Cooking Techniques.
In LP4.5, I will know:  In LP4.6, I will know:  In LP4.6, I will know:  Extended Task.  In LP4.7, I will know:  1 29/04/24 - (WK 1)  how to apply preparation and cooking techniques to make tear and share bread.  Extended Task.  In LP4.7, I will know:  06/05/24 - (WK 1)	Pathogen  Key Vocabulary  Kneading  Key Vocabulary  Stir frying	Homework Food Safety and Food Poisoning.  Homework Practical evaluation of outcome and skills.  Homework Preparation and Cooking Techniques.
In LP4.5, I will know:  In LP4.6, I will know:  In LP4.6, I will know:  Extended Task.  In LP4.7, I will know:  1 29/04/24 - (WK 1)  how to apply preparation and cooking techniques to make tear and share bread.  Extended Task.  In LP4.7, I will know:  06/05/24 - (WK 1)	Pathogen  Key Vocabulary  Kneading  Key Vocabulary  Stir frying	Homework Food Safety and Food Poisoning.  Homework Practical evaluation of outcome and skills.  Homework Preparation and Cooking Techniques.
In LP4.5, I will know:  In LP4.6, I will know:  In LP4.6, I will know:  Extended Task.  In LP4.7, I will know:  1 29/04/24 - (WK 1)  how to apply preparation and cooking techniques to make tear and share bread.  Extended Task.  In LP4.7, I will know:  06/05/24 - (WK 1)	Rey Vocabulary  Pathogen  Key Vocabulary  Kneading  Key Vocabulary  Stir frying  Key Vocabulary	Homework Food Safety and Food Poisoning.  Homework Practical evaluation of outcome and skills.  Homework Preparation and Cooking Techniques.
In LP4.5, I will know:  In LP4.6, I will know:  In LP4.6, I will know:  Extended Task.  In LP4.7, I will know:  1 29/04/24 - (WK 1)  how to apply preparation and cooking techniques to make tear and share bread.  Extended Task.  In LP4.7, I will know:  06/05/24 - (WK 1)	Rey Vocabulary  Pathogen  Key Vocabulary  Kneading  Key Vocabulary  Stir frying  Key Vocabulary	Homework Food Safety and Food Poisoning.  Homework Practical evaluation of outcome and skills.  Homework Preparation and Cooking Techniques.
In LP4.5, I will know:  In LP4.6, I will know:  In LP4.6, I will know:  Extended Task.  In LP4.7, I will know:  In LP4.7, I will know:  In LP4.8, I will know:  O6/05/24 - (WK 1)  How to apply preparation and cooking techniques to make chicken fajitas.  In LP4.8, I will know:  O6/05/24 - (WK 2)  How to apply preparation and cooking techniques to make an all in one cake.  Resources to support learning:	Rey Vocabulary  Pathogen  Key Vocabulary  Kneading  Key Vocabulary  Stir frying  Key Vocabulary	Homework Food Safety and Food Poisoning.  Homework Practical evaluation of outcome and skills.  Homework Preparation and Cooking Techniques.
In LP4.5, I will know:  In LP4.6, I will know:  In LP4.6, I will know:  Description and cooking techniques to make tear and share bread.  Extended Task.  In LP4.7, I will know:  Description and cooking techniques to make chicken fajitas.  Extended Task.  In LP4.7, I will know:  Description and cooking techniques to make chicken fajitas.  In LP4.8, I will know:  Description and cooking techniques to make an all in one cake.  Resources to support learning:  The following websites contain extensive revision material and information to increase Cooking & Nutrition subject knowledge:	Rey Vocabulary  Pathogen  Key Vocabulary  Kneading  Key Vocabulary  Stir frying  Key Vocabulary	Homework Food Safety and Food Poisoning.  Homework Practical evaluation of outcome and skills.  Homework Preparation and Cooking Techniques.
In LP4.5, I will know:  In LP4.6, I will know:  Extended Task.  In LP4.7, I will know:  In LP4.7, I will know:  In LP4.8, I wi	Rey Vocabulary  Pathogen  Key Vocabulary  Kneading  Key Vocabulary  Stir frying  Key Vocabulary	Homework Food Safety and Food Poisoning.  Homework Practical evaluation of outcome and skills.  Homework Preparation and Cooking Techniques.
In LP4.5, I will know:  15/04/24 - (WK 1)  the importance of temperature control in reducing food poisoning.  In LP4.6, I will know:  22/04/24 - (WK 2)  how to apply preparation and cooking techniques to make tear and share bread.  Extended Task.  In LP4.7, I will know:  29/04/24 - (WK 1)  how to apply preparation and cooking techniques to make chicken fajitas.  In LP4.8, I will know:  06/05/24 - (WK 2)  how to apply preparation and cooking techniques to make an all in one cake.  Resources to support learning:  The following websites contain extensive revision material and information to increase Cooking & Nutrition subject knowledge:  www.food.gov.uk;  www.food.gov.uk;  www.food.gov.uk;	Rey Vocabulary  Pathogen  Key Vocabulary  Kneading  Key Vocabulary  Stir frying  Key Vocabulary	Homework Food Safety and Food Poisoning.  Homework Practical evaluation of outcome and skills.  Homework Preparation and Cooking Techniques.
In LP4.5, I will know:  the importance of temperature control in reducing food poisoning.  In LP4.6, I will know:  22/04/24 - (WK 2)  how to apply preparation and cooking techniques to make tear and share bread.  Extended Task.  In LP4.7, I will know:  29/04/24 - (WK 1)  how to apply preparation and cooking techniques to make chicken fajitas.  In LP4.8, I will know:  06/05/24 - (WK 2)  how to apply preparation and cooking techniques to make an all in one cake.  Resources to support learning: The following websites contain extensive revision material and information to increase Cooking & Nutrition subject knowledge:  www.food.gov.uk;  www.food.gov.uk;  www.food.gov.uk;  www.food.gov.uk;  www.food.gov.uk;  www.food.actofilife.org.uk;  www.britishnutritionfoundation.co.uk;	Rey Vocabulary  Pathogen  Key Vocabulary  Kneading  Key Vocabulary  Stir frying  Key Vocabulary	Homework Food Safety and Food Poisoning.  Homework Practical evaluation of outcome and skills.  Homework Preparation and Cooking Techniques.
In LP4.5, I will know:  15/04/24 - (WK 1)  the importance of temperature control in reducing food poisoning.  In LP4.6, I will know:  22/04/24 - (WK 2)  how to apply preparation and cooking techniques to make tear and share bread.  Extended Task.  In LP4.7, I will know:  29/04/24 - (WK 1)  how to apply preparation and cooking techniques to make chicken fajitas.  In LP4.8, I will know:  06/05/24 - (WK 2)  how to apply preparation and cooking techniques to make an all in one cake.  Resources to support learning:  The following websites contain extensive revision material and information to increase Cooking & Nutrition subject knowledge:  www.food.gov.uk;  www.food.gov.uk;  www.food.gov.uk;	Rey Vocabulary  Pathogen  Key Vocabulary  Kneading  Key Vocabulary  Stir frying  Key Vocabulary	Homework Food Safety and Food Poisoning.  Homework Practical evaluation of outcome and skills.  Homework Preparation and Cooking Techniques.





## Year 8 Design & Technology - Graphics Bottle Branding Learning Programme 4

THE LORIC SKIII TOCUS FOR HIS LP IS: INITIATIVE.		Litorage
		Literacy:  • Capital letters must be used at the start
Integrity - Having strong moral principles.	The Moral Virtues focus for this LP are: INTEGRITY and GRATITUDE.	
Gratitude - Feeling and expressing thanks.  What will I be learning about in this Learning Programme?		proper nouns
		Full stops must be used at the end of a sentence     Question marks must be used at the end of a question     Apostrophes should only be used for possession or omission
The history and importance of product branding. How to write a brief and develop a brand. The importance of anthropometrics and How to apply 3D drawing and rendering techniques. How to use Styrofoam for block modelling.		
Where have I seen this learning before? In Year 7 design & technology you will have designed a range of prototypes using annotated sketches; you will have used workshop shape materials into prototypes.	Days of the week and months must be spelled correctly     Key words must be spelled correctly	
What could I use it for? You will apply the different design techniques and the iterative design process extensively when designing and modelling in year 9 a Technology level.	and at GCSE Design and	
In LP4.1, I will know: 04/03/24 - (WK 1)	Key Vocabulary	Homework
what branding and marketing is and how they influence consumer decisions; how to write a design brief to include a primary user.	Branding	Produce a mood board which reflects my brand.
In LP4.2, I will know:  my strengths and areas for development from my learning so far; why and how we explore and analyse existing products; what anthropometrics is and how to calculate anthropometric data.	Key Vocabulary  Anthropometrics	Homework Explore and evaluate existing drinks packaging & brands.
In LP4.3, I will know: 18/03/24 - (WK 1)	Key Vocabulary	Homework
why ergonomics is important when designing products; how to write a design specification using ACCESS FM.		Complete a maths question on anthropometrics.
	Ergonomics	
Extended Task.	Ergonomics	
Extended Task.  In LP4.4, I will know: 25/03/24 - (WK 2)	Ergonomics  Key Vocabulary	Homework
Extended Task.		Homework Create a logo idea for a brand.
Extended Task.  In LP4.5, I will know:  15/03/24 - (WK 2)  how to develop a unique brand name with appropriate lettering style; how to create unique logo designs with colour to represent the bottle brand.  In LP4.5, I will know:  15/04/24 - (WK 1)	Key Vocabulary	Create a logo idea for a brand.  Homework
Extended Task.  In LP4.4, I will know:  how to develop a unique brand name with appropriate lettering style; how to create unique logo designs with colour to represent the bottle brand.	<b>Key Vocabulary</b> Typography	Create a logo idea for a brand.
Extended Task.  In LP4.4, I will know:  how to develop a unique brand name with appropriate lettering style; how to create unique logo designs with colour to represent the bottle brand.  In LP4.5, I will know:  how to use the ellipse technique to graphically present 3D bottle design ideas;	Key Vocabulary  Typography  Key Vocabulary	Create a logo idea for a brand.  Homework
Extended Task.  In LP4.4, I will know:  1 bow to develop a unique brand name with appropriate lettering style;  how to create unique logo designs with colour to represent the bottle brand.  In LP4.5, I will know:  15/04/24 - (WK 1)  how to use the ellipse technique to graphically present 3D bottle design ideas;  how to label and annotate my designs to communicate my ideas.	Key Vocabulary  Typography  Key Vocabulary  Rendering	Create a logo idea for a brand.  Homework  Complete a rendering graphics task.
Extended Task.  In LP4.4, I will know:  how to develop a unique brand name with appropriate lettering style; how to create unique logo designs with colour to represent the bottle brand.  In LP4.5, I will know:  how to use the ellipse technique to graphically present 3D bottle design ideas; how to label and annotate my designs to communicate my ideas.  In LP4.6, I will know:	Key Vocabulary  Typography  Key Vocabulary  Rendering  Key Vocabulary  Prototype	Homework Complete a rendering graphics task.  Homework Analyse the information on a drinks label.
Extended Task.  In LP4.4, I will know: how to develop a unique brand name with appropriate lettering style; how to create unique logo designs with colour to represent the bottle brand.  In LP4.5, I will know: how to use the ellipse technique to graphically present 3D bottle design ideas; how to label and annotate my designs to communicate my ideas.  In LP4.6, I will know: how bottles are manufactured using the blow moulding process; how to use the hot wire sculptor and file to cut the shape of my bottle prototype.	Key Vocabulary  Key Vocabulary  Rendering  Key Vocabulary	Homework Complete a rendering graphics task.  Homework Analyse the information on a drinks label.  Homework
Extended Task.  In LP4.4, I will know:  1s LP4.4, I will know:  1s LP4.5, I will know:  1s LP4.5, I will know:  1s LP4.5, I will know:  1s LP4.6, I will know:  1s LP4.6, I will know:  1s LP4.7, I will know:  2s / 03/24 - (WK 2)  2s / 04/24 - (WK 2)  Extended Task.  In LP4.7, I will know:  2s / 04/24 - (WK 1)	Key Vocabulary  Key Vocabulary  Rendering  Key Vocabulary  Prototype  Key Vocabulary	Homework Complete a rendering graphics task.  Homework Analyse the information on a drinks label.  Homework Create market research survey questions
Extended Task.  In LP4.4, I will know:  15/04/24 - (WK 2)  how to develop a unique brand name with appropriate lettering style; how to create unique logo designs with colour to represent the bottle brand.  In LP4.5, I will know:  15/04/24 - (WK 1)  how to use the ellipse technique to graphically present 3D bottle design ideas; how to label and annotate my designs to communicate my ideas.  In LP4.6, I will know:  22/04/24 - (WK 2)  how bottles are manufactured using the blow moulding process; how to use the hot wire sculptor and file to cut the shape of my bottle prototype.  Extended Task.  In LP4.7, I will know:  29/04/24 - (WK 1)  how to use abrasive paper to shape and finish my bottle prototype.	Key Vocabulary  Typography  Key Vocabulary  Rendering  Key Vocabulary  Prototype  Key Vocabulary  Abrasive	Homework Complete a rendering graphics task.  Homework Analyse the information on a drinks label.  Homework Create market research survey questions about my drink packaging and branding.
Extended Task.  In LP4.4, I will know:  15/03/24 - (WK 2)  how to develop a unique brand name with appropriate lettering style; how to create unique logo designs with colour to represent the bottle brand.  In LP4.5, I will know:  15/04/24 - (WK 1)  how to use the ellipse technique to graphically present 3D bottle design ideas; how to label and annotate my designs to communicate my ideas.  In LP4.6, I will know:  22/04/24 - (WK 2)  how bottles are manufactured using the blow moulding process; how to use the hot wire sculptor and file to cut the shape of my bottle prototype.  Extended Task.  In LP4.7, I will know:  29/04/24 - (WK 1)  how to use abrasive paper to shape and finish my bottle prototype.  In LP4.8, I will know:  06/05/24 - (WK 2)	Key Vocabulary  Rendering  Key Vocabulary  Prototype  Key Vocabulary  Abrasive	Homework Complete a rendering graphics task.  Homework Analyse the information on a drinks label.  Homework Create market research survey questions about my drink packaging and branding.





### Year 8 Design & Technology - Polymers Desk Tidy Design Learning Programme 4

Learning Programme 4		
The LORIC skill focus for his LP is: INITIATIVE.		Literacy:
The Moral Virtues focus for this LP are: INTEGRITY and GRATITUDE.	The Moral Virtues focus for this LP are: INTEGRITY and GRATITUDE.	
Gratitude - Feeling and expressing thanks.		of sentences and for the first letter of
		<ul> <li>proper nouns</li> <li>Full stops must be used at the end of a</li> </ul>
		sentence
		Question marks must be used at the
ideas and applying workshop safety when shaping and forming polymers.	deas and applying workshop safety when shaping and forming polymers.	
		Apostrophes should only be used for
Where have I seen this learning before?		possession or omission  • Days of the week and months must be
		spelled correctly
learnt about the sources of timbers and papers and boards and how they are processed.		Key words must be spelled correctly
What could I use it for?		
You can use polymer materials to manufacture products in design & technology over your next 6 years; you will apply your knowled	age of polymers in the GCSE	
Design & Technology exam. You can use hand tools to create polymer items in your everyday life.	,	
In LP4.1, I will know: 04/03/24 - (WK 1)	Key Vocabulary	Homework
what synthetic polymers are, their source and how they are processed; the environmental and social impact of using polymers to make products.		The stages of processing polymers.
2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2	Polymers	
In LP4.2, I will know: 11/03/24 - (WK 2)	Key Vocabulary	Homework
my strengths and areas for development from my learning so far; the difference between thermoplastic and thermosetting polymers;		Polymers and the environment.
the different types of polymers, their properties and uses.	Thermosetting	
In LP4.3, I will know: 18/03/24 - (WK 1)	Key Vocabulary	Homework
the difference between cross and draw filing techniques to finish the edges of an acrylic paper clip.		Research polymer products.
	Draw filing	
	Draw ming	
Extended Task.		
In LP4.4, I will know: 25/03/24 - (WK 2)	Key Vocabulary	Homework
what thermoforming is, and how a strip heater is used to form an acrylic paper clip;		Working safely in the DT workshop.
what a manufacturing jig and how it ensures consistent quality.	Thermoforming	
	mermoronning	
In LP4.5, I will know: 15/04/24 - (WK 1)	Key Vocabulary	Homework
how to explore the desk tidy context using the 5Ws strategy.		Filing manufacturing methods.
	Context	
	Context	
In LP4.6, I will know: 22/04/24 - (WK 2)	Key Vocabulary	Homework
how to investigate requirements and record the sizes of stationery.		Interview your desk tidy primary user.
	Requirements	
	Requirements	
Extended Task.		
In LP4.7, I will know: 29/04/24 - (WK 1)	Key Vocabulary	Homework
how to communicate my desk tidy ideas using 2D & 3D techniques and annotation.		Product analysis of existing desk tidy.
	Annatation	
	Annotation	
In LP4.8, I will know: 06/05/24 - (WK 2)	Key Vocabulary	Homework
how to test my desk tidy idea through precise card modelling.		Learning review task.
	NA 111:	
	Modelling	
Resources to support learning:		
The following websites contain extensive revision material and information to increase design & technology subject knowledge:		
www.technologystudent.com;		
www.mr-dt.com;		

FFET Award Challenge for this Learning Programme:
Interview a primary school pupil to find out their needs and wants for a desk tidy. You can choose how to present your questions and their answers.





## Year 8 Design & Technology - Polymers Desk Tidy Manufacture Learning Programme 4

Ecarring 11051amme 4		
The LORIC skill focus for his LP is: INITIATIVE.		Literacy:
The Moral Virtues focus for this LP are: INTEGRITY and GRATITUDE.		
Integrity - Having strong moral principles.		
Gratitude - Feeling and expressing thanks.		proper nouns  • Full stops must be used at the end of a
What will I be learning about in this Learning Programme?		<ul> <li>Full stops must be used at the end of a sentence</li> </ul>
How to use a Gantt Chart to plan the stages of manufacture to make a functioning polymer desk tidy. How to use a range of tools and	we to use a Gantt Chart to plan the stages of manufacture to make a functioning polymer desk tidy. How to use a range of tools and equipment correctly	
and safely. About the different forms of polymer forming and moulding methods.		end of a question
		Apostrophes should only be used for
		possession or omission
Where have I seen this learning before?	warkshan	Days of the week and months must be
You will build on your learning from the last Learning Programme in which you were introduced to working with polymers in the D&T	workshop.	<ul> <li>spelled correctly</li> <li>Key words must be spelled correctly</li> </ul>
		- Key words must be spened correctly
What could I use it for?		
You can use polymer materials to manufacture products in design & technology over your next 6 years; you will apply your knowledge	of polymers in the GCSE	
Design & Technology exam. You can use hand tools to create polymer items in your ever <mark>yday lif</mark> e.		
To 104.4 1 will be seen		
In LP4.1, I will know: 04/03/24 - (WK 1)	Key Vocabulary	Homework Magguring shapes in millimetres
how to use a Gantt chart and my initiative to plan the manufacturing stages of my desk tidy; which equipment and material I will be using and will have gratitude for the resources that are provided.		Measuring shapes in millimetres.
which equipment and material i will be using and will have gradicate for the resources district provided.	Gantt chart	
In LP4.2, I will know: 11/03/24 - (WK 2)	Key Vocabulary	Homework
my strengths and areas for development from my learning so far;		Calculating area task.
how templates ensure accuracy when marking out the desk tidy.		
	Template	
In LP4.3, I will know: 18/03/24 - (WK 1)	Key Vocabulary	Homework
how to use of a file to smooth the edges of my acrylic body;	Rey Vocabulary	Risk assessment of tools and equipment
how to use a coping saw and scroll saw to cut out my acrylic desk tidy head.		misk assessment of tools and equipment
	Wastage	
	The state of the s	
Extended Task.		
In LP4.4, I will know: 25/03/24 - (WK 2)	Key Vocabulary	Homework
how different grades of wet and dry paper can produce a smooth finish;		Polymer questions to retrieve my
how to use a step drill bit in the pillar drill to create the pen holes for my desk tidy.	6 311.5	knowledge.
	Drill bit	
In LP4.5, I will know: 15/04/24 - (WK 1)	Key Vocabulary	Homework
how to shape my acrylic desk tidy body using a convection oven or strip heater.		Describe how to thermoform using the
		convection oven safely.
	Former	
In LP4.6, I will know: 22/04/24 - (WK 2)	Key Vocabulary	Homework
how polymer products are manufactured using the injection moulding process; how to apply a decorative finish to enhance its aesthetics for my primary user.		Describe the injection moulding process
now to apply a decorative missi to emiance its aesthetics for my primary user.	Decorative finish	
	Decorative iiiisii	
Extended Task.		
In LP4.7, I will know: 29/04/24 - (WK 1)	Key Vocabulary	Homework
how to use a glue gun safely to assemble the parts of my desk tidy;		Primary user feedback.
how to finalise my desk tidy ready for the primary user.		
	Assemble	
In LP4.8, I will know: 06/05/24 - (WK 2)	Key Vocabulary	Homework
how to test and evaluate the quality of my desk tidy and show compassion and honesty when evaluating the work of my peers.		Learning review task.
	Testing	
	resumg	
Resources to support learning:		
The following websites contain extensive revision material and information to increase design & technology subject knowledge:		
www.technologystudent.com;		
www.mr-dt.com;		
www.bbc.co.uk/bitesize.		
FFET Award Challenge for this Learning Programme:		
Create a 'user testing' report to evaluate how well your desk tidy works.		





# Year 8 Design & Technology - Systems Night Light Learning Programme 4

Learning Frogramme 4		
The LORIC skill focus for his LP is: INITIATIVE.		Literacy:
The Moral Virtues focus for this LP are: INTEGRITY and GRATITUDE.		Capital letters must be used at the start
Integrity - Having strong moral principles.		of sentences and for the first letter of
Gratitude - Feeling and expressing thanks.		proper nouns  • Full stops must be used at the end of a
Vhat will I be learning about in this Learning Programme?		sentence
Electronic systems and their input, process and output. The function of electronic components. How to solder safely to prod	luce a functioning Night Light.	Question marks must be used at the
		end of a question
		Apostrophes should only be used for
Where have I seen this learning before?		possession or omission
In KS2 design & technology you will have used simple electronic components to make electrical systems in a product.		<ul> <li>Days of the week and months must be spelled correctly</li> </ul>
		Key words must be spelled correctly
		, , , , ,
What could I use it for?		
You can use electronic components to manufacture electronic systems in design & technology over your next 6 years; you wi	ill apply your knowledge of	
electronic systems in the GCSE Design & Technology exam.		
In LP4.1, I will know: 04/03/24 - (WK 1)	Key Vocabulary	Homework
that all systems consist of an input, process and output;		Find 3 systems in your home and
why we use diagrams to show how electronic circuits work.		identify their input, process and output.
	Input	
To 104.2 1 will be seen		
In LP4.2, I will know:  11/03/24 - (WK 2)  my strengths and areas for development from my learning so far;	Key Vocabulary	Homework  Describe the input, process and output
the name, symbol and function of the components I will use in my night light circuit.		for two systems that use sensors.
the name, symbol and function of the components I will use in my high high circuit.	Circuit	for two systems that use sensors.
	Circuit	
In LP4.3, I will know: 18/03/24 - (WK 1)	Key Vocabulary	Homework
how to demonstrate resilience when safely using the soldering iron.		Produce a step-by-step storyboard to
		explain how to use the soldering iron
	Soldering	safely.
e de la la companya de la companya d		
Extended Task.  In LP4.4, I will know: 25/03/24 - (WK 2)	Van Vaaabulani	Harrison
how to use CAD 2D Design to present a Night Light shade final design;	Key Vocabulary	Homework Explain the positives and negatives of
how to safely and precisely solder components onto a circuit board.		using CAD.
	CAD (Computer	
	aided design)	
In LP4.5, I will know: 15/04/24 - (WK 1)	Key Vocabulary	Homework
the advantages and disadvantages of using the CAM laser cutter;		Explain the positives and negatives of
how to convert my 2D design file to the laser cutter.	Convert	using CAM.
	Convert	
In LP4.6, I will know: 22/04/24 - (WK 2)	Key Vocabulary	Homework
how to test and troubleshoot any problems on my circuit board.		Describe the stages of the vacuum
	CAM (Computer	forming process.
	aided manufacture)	
	, , , , , , , , , , , , , , , , , , , ,	
Extended Task.		
In LP4.7, I will know:  29/04/24 - (WK 1)  what the main stages of the vacuum forming process are, to manufacture the night light base.	Key Vocabulary	Homework  Primary user feedback of the night light
what the main stages of the vacuum forming process are, to maintracture the night light base.		in use.
	Vacuum forming	use:
In LP4.8, I will know: 06/05/24 - (WK 2)	Key Vocabulary	Homework
how to use my initiative to assemble all parts of my night light product;		Learning review task.
how to test and evaluate my final night light product and suggest improvements.		
	Improvement	
Resources to support learning:		
The following websites contain extensive revision material and information to increase design & technology subject knowledge.	ge:	
www.technologystudent.com;		
www.mr-dt.com;		
www.bbc.co.uk/bitesize.		
FFET Award Challenge for this Learning Programme:		
Create a safe soldering fact sheet for pupils to use a guide when soldering.		

