

Madron Daniel Nursery and Primary School

Rise Up Curriculum - Design and Technology - Cycle A

	Make - Construction and joining techniques	Evaluate Communication	Food Technology	Food preparation	Technical Skills
				cooking skills.	
2-3 year olds	Transporting blocks, early building in rows, horizontally or stacked vertically. Exploration of age appropriate construction kits. Use glue to join flat materials together.	Gesture or simple werbal reply given in response to a simple question or comment about creations.	Know food they like and dislike Know that food and drink help them to grow, be active and stay healthy. Know they reed to wash hands. Name a few basic fruits and vegetables.	Name and use a range of basic cooking skills with support. Mix together Spread (soft ingredients) Spoon(ingredients into different containers) Fork secure Mash	Stirring, mashing with a spoon, fork or potato masher.
3-4 year olds	More complex structures with understanding of pattern, shape and balance. More complex construction kits available to explore. Opportunities to build on large scale outdoors with loose parts. Den building from variety of resources.	Own and others' creations discussed and evaluated using linked vocabulary. opportunities to talk about what makes activities safe or unsafe e.g. hygiene or when using tools.	Know all food comes from plants or animals. Know food changes from being farmed to ending on our plates. Independently get ready to cook. Name a basic range of cooking equipment and explain what it does.	Name and use a range of basic cooking skills independently. Peel (with a peeler) Shape Cut (with cutters) Claw grip Sift Arrange	Chopping, grating ingredients, folding
A A	Cooking and Nutrition Design:	Developing, Planning and Communicating Ideas	Make	Evaluate	Technical Knowledge
Reception	Talk about healthy and unhealthy foods.	Provide opportunities to work together to develop and realise creative ideas.	Provide children with a range of materials to construct with	Discuss problems and how they might be solved as they arise.	Teach children different techniques for joining materials, such as how to

	Talk about having a balance Encourage them	to think	Reflect n	ith children on how	use adhesive tape and
	of healthy and unhealthy about and disci		0		different sorts of glue.
	foods want to make.		aims.		Provide a range of materials
	Talk about likes and dislikes. Look at products	to generate			and tools and teach children
	Use a range of tools with inspiration and	conversation	ation		to use them with care and
	care and precision. about art and a	tists.			precision.
	l a	3	4	5	6
		Cooking and		<u> Structures - Bab</u> į	j <u>Textiles - cross</u>
		Nutrition – Fruit and		Bears Chair (Y2)	stitch appliqué (Y3)
		<u>Vegetables (YI)</u>		1. Join fabrics	1. learn how to sew
		1. Identify fruits.		together using	cross stitch and
		2. Describe where		different methods.	appliqué
		fruits and vegetables		2. Use a template to	2. Design a product
		grow.		create my design.	and its template
Y		3. Practise food			3. Decorate fabric
Class		preparation skills.	· ·		using appliqué and
3		4 Select ingredients		together accurately. 4. Embellish my	crosa stitch
		for a recipe.		design using joinin	g 4. Assemble your
		5. Apply food		methods.	cushion.
		preparation skills			
		to a recipe.			
		6. Evaluate against			
		the design brief.			
	Electronical Systems	0	Structure -	Cooking and	
	- torches (Y4)		<u>Playgrounds (Y6)</u>	Nutrition -	
	1. Learn about		1. Look at objects and	<u>Developing a reci</u>	<u>ne</u>
	electrical items and		understand how they	<u>'(Υ΄</u> 5)	
	how they work		move.	1. Understand how	
	2. Analyse and		2. Look at objects	ingredients are rear	ed
3			and	and processed.	
Class	products		understand how they	2. Make adaptation	a
づ	3. Design a product to		move.	to design a recipe.	
	fit a set of specific		3. Explore different	3. Evaluate	
	user needs		design options.	nutritional content.	
	4. Make and evaluate		4. Make a moving	4. Practise food	
	a torch		monster	preparation skills.	
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		5. Design a product	
		label.	
		6. Follow and make	
		an adapted recipe.	
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Rise Up Curriculum - Design and Technology - Cycle B

	Make - Construction and	Evaluate	Food Technology	Food	Technical Skills
	joining techniques	Communication		preparation	
				cooking skills.	
	Transporting blocks, early	Gesture or simple verbal	Know food they like and	Name and use a range of	Stirring, mashing with a
	building in rows,	reply given	dislike	basic cooking skills with	spoon, fork or potato
abla	horizontally or stacked	in response to a simple	Know that food and drink	support.	masher.
र्ष	vertically.	question or	help them to grow, be	Mix together	
year	Exploration of age	comment about creations.	active and stay healthy.	Spread (soft ingredients)	
	appropriate construction kits.		Know they need to wash	Spoon(ingredients into	
-3	Use glue to join flat		hands.	different containers)	
4	materials together.		Name a few basic fruits	Fork secure	
			and vegetables.	Mash	
	More complex	Own and others' creations	Know all food comes from	Name and use a range of	Chopping, grating
	structures with	discussed and evaluated	plants or animals.	basic cooking skills	ingredients, folding
	understanding	using	Know food changes from	independently.	
	of pattern, shape	linked vocabulary.	being farmed to ending on	Peel (with a peeler)	
(4	and balance.	opportunities to talk about	our plates.	Shape	
olds	More complex	what makes	Independently get ready to	Cut (with cutters)	
ς <u>1</u>	construction kits	activities safe or unsafe	cook.	Claw grip	
3-4-yr	available to explore.	e.g. hygiene or when	Name a basic range of	Sift	
3-	Opportunities to	using tools.	cooking equipment and	Arrange	
	build on large scale outdoors with loose	and the state of t	explain what it does.	7 12 1 32 3gc	
	parts. Den building		2792000 1777 000 00 000 00.		
	from variety of				
	resources.				
	Cooking and Nutrition	Developing, Planning and	Make	Evaluate	Technical Knowledge
	Design:	Communicating Ideas			-
ىم	Talk about healthy and	Provide opportunities to work	Provide children with a range	Discuss problems and how	Teach children different
Fio.	unhealthy foods.	together to develop and	of materials for children to	they might be solved as they	techniques for joining
Reception	Talk about having a balance	realise creative ideas.	construct with.	arise.	materials, such as how to
Re	of these.	Encourage them to think		Reflect with children on how	use adhesive tape and
	Talk about likes and dislikes.	about and discuss what		they have achieved their	different sorts of glue.
	Use a range of tools with they want to make.			aims.	Provide a range of materials
	care and precision.				and tools and teach children

	Look at products to so inspiration and conv about art and artists		wersation					to use them with care and precision.	
		a 3		4	5			6	
Class I			Cooking and Nutrition - Balanced Diet (Y2) 1. Understand what makes a balanced diet 2. Taste test food combinations 3. Design a healthy wrap 4. Make a healthy wrap		Textiles - Puppets (YI) 1. Join fabrics together using different methods. 2. Use a template to create my design. 3. Join two fabrics together accurately. 4. Embellish my design using joining methods				Structures - Constructing a castle (Y3) I. Recognise how multiple shapes (2D and 3D) are combined to form a strong and stable structure 2. Design a castle 3. Construct 3D nets 4. Construct and evaluate my final product
Class 2			Electrical systems - steady hand games (Y6) I. Research and analyse a range of children's toys. 2. Design a steady hand game. 3. Construct a stable base. 4. Assemble electronics and complete their electronic game.		Textiles - m stuffed tog 1. Design a st toy. 2. Sew a blar stitch. 3. Create and decorations to 4. Use a blan stitch to asse components a stuffed toy.	y (Y5) uffed rket . add o fabric. ket mble the			Cooking and Nutrition - adapting a recipe (Y4) 1. Follow a baking recipe 2. Make and test a prototype 3. Design a biscuit to a given budget. 4. Make a biscuit that meets a given design brief.

Rise Up Curriculum - Design and Technology - Cycle C

	Make - Construction and	Evaluate	Food Technology	Food	Technical Skills
	joining techniques	Communication		preparation	
				cooking skills.	
	Transporting blocks, early	Gesture or simple verbal	Know food they like and	Name and use a range of	Stirring, mashing with a
	building in rows,	reply given	dislike	basic cooking skills with	spoon, fork or potato
	horizontally or stacked	in response to a simple	Know that food and drink	support.	masher.
alba	vertically.	question or	help them to grow, be	Mix together	
ğ	Exploration of age	comment about creations.	active and stay healthy.	Spread (soft ingredients)	
₹	appropriate construction kits.		Know they need to wash	Spoon(ingredients into	
-3	Use glue to join flat		hands.	different containers)	
7	materials together.		Name a few basic fruits	Fork secure	
			and vegetables.	Mash	
			8		
	More complex	Own and others' creations	Know all food comes from	Name and use a range of	Chopping, grating
	structures with	discussed and evaluated	plants or animals.	basic cooking skills	ingredients, folding
	understanding	using	Know food changes from	independently.	
	of pattern, shape	linked vocabulary.	being farmed to ending on	Peel (with a peeler)	
Q	and balance.	opportunities to talk about	our plates.	Shape	
콧	More complex	what makes	Independently get ready to	Cut (with cutters)	
yr olds	construction kits	activities safe or unsafe	cook.	Claw grip	
_ _	available to explore. Opportunities to	e.g. hygiene or when	Name a basic range of	Sift	
3-4	build on large scale	using tools.	cooking equipment and	Arrange	
	outdoors with loose	0	explain what it does.	0	
	parts. Den building				
	from variety of				
	resources.				
	Cooking and Nutrition	Developing, Planning and	Make	Evaluate	Technical Knowledge
	Design:	Communicating Ideas			
ے	Talk about healthy and	Provide opportunities to work	Provide children with a range	Discuss problems and how	Teach children different
Lig.	unhealthy foods.	together to develop and	of materials for children to	they might be solved as they	techniques for joining
Reception	Talk about having a balance	realise creative ideas.	construct with.	arise.	materials, such as how to
Re	of these. Talk about likes and dislikes.	Encourage them to think about and discuss what		Reflect with children on how	use adhesive tape and
				they have achieved their	different sorts of glue.
	Use a range of tolls with care and precision.	they want to make.		aims.	Provide a range of materials and tools and teach children
	tare and precision.				mu wors mu leach chuaren

		inspiration and con	Look at products to generate inspiration and conversation about art and artists.						use them with care and cision.	
	1	2		3	4		5		6	
Class I	Cooking and Nutrition - Eating Seasonally (Y3) I Understand that climate affects food growth 2. Understand the advantages of eating seasonal foods grown in the UK 3. Create a recipe that is healthy and nutritious using seasonal vegetables 4. Safely follow a recipe when cooking				Structures - Contructing Windmills (YI) I. Include ind preferences ar requirements in my design 2. Make a sta structure 3. Assemble th components a structure 4. Evaluate m project and adapt me	nd able he of my	Mechanisms - Making a moving Monster (Y2) 1. Look at objects a understand how th move. 2. Look at objects and understand ho they move. 3. Explore different design options. 4. Make a moving monster	and rey ow		
Class 2		Structures - Bridges (Y5) I. Explore how to reinforce a beam (structure) to improve its strength 2. Build a spaghetti truss bridge 3. Build a wooden truss bridge 4 Complete, reinforce and evaluate my truss bridge			Cooking Nutrition - Dine with N I. Understand their food cor from. 2. Research h foods and nu 3. Design a th course meal a up a recipe. 4. Use a recip prepare a mea	Come Me (Y6) where mes ealthy trition. ree- und write			Mechanical Systems - Making a slingshot car (Y4) 1. Build a car chassis 2. Design a shape that reduces air resistance 3. Make a model based on a chosen design 4. Assemble and test my completed product	