



Red - 3 - 4 Years Development Matters Statements; Blue - Reception Development Matters Statements Green - Early Learning Goal Statements

Designing:	Evaluating:
 Increasingly follow the rules, understanding why they are important (3-4 years) Collaborate with others to manage large items, such as carrying or moving equipment (3-4 years) Choose the right resources to carry out their own plan (3-4 years) Explore different textures (3-4 years) Explore materials freely to develop their own ideas about how to use them and what to make (3-4 years) Develop your own ideas and then decide which materials to use to express them (3-4 years) Draw with increasing complexity such as representing a face with a circle and details (3-4 years) Create collaboratively, sharing ideas, resources and skills (Reception) Safely use and explore a variety of materials, tools and techniques, experimenting with colour, design, texture, form and function (ELG) 	 Be able to express a viewpoint and debate when they disagree using words (3-4 years) Start a conversation with an adults or a friend and continue it taking turns (3-4 years) Talk about what they see; the changes in materials and what they notice (3-4 years) Ask questions to find out more and check their understanding (Reception) Articulate their ideas in well-formed sentences (Reception) Return to and build on previous learning, refining ideas and developing their ability to represent them (Reception) Share their creations explaining the processes they have used (ELG) Make comments about what they have seen and ask questions to clarify understanding (ELG) Participate in discussions offering their own ideas and using recently introduced vocabulary (ELG)
□ Begin to show accuracy and care when drawing (ELG)	
□ Making:	Technical Knowledge:
 Use a comfortable grip with good control when holding pens and pencils (3-4 years) Use one-handed tools such as making snips in paper with scissors (3-4years) Join different materials (3-4 years) Develop their small motor skills so that they can use a range of tools - knives, forks, spoons, scissors - competently, safely and confidently (Reception) Work collaboratively and take turns with others (ELG) Explain the reasons for rules, know right from wrong and try to behave accordingly (ELG) Use a range of small tools, including scissors, paintbrushes and cutlery (ELG) 	 Remember & recall rules without needing adult to remind them (3-4 years) Show a preference or a dominant hand (3-4 years) Show me how to use a one-handed tools such as making snips in paper with scissors (3-4 years) Show me how to use a comfortable grip with good control when holding pens and pencils (3 4 years) Show me how to use a knife, fork, spoon or scissors competently, safely and confidently (Reception) Show me how you make use of the props and materials when role playing characters in narratives and stories (ELG) Show me your creation and explain the process you have used (ELG) Show me how to use a range of small tools, including scissors, paintbrushes and cutlery (ELG)





Key Stage One						
Designing:	Evaluating:					
□ To work in a range of different places	□ To talk about your design and what you have made					
□ To be able to say what you are making	□ To make judgements about your product against the design criteria					
□ To say who your product is for	□ To suggest how your product could be improved.					
□ To describe what your product is for	☐ To explore:					
□ To say how your product will work	 What products are 					
□ To say how your product is meant to be used	 Who products are for 					
□ To you design criteria to develop your ideas.	 What products are for 					
□ To generate ideas	 How products work 					
□ To use your existing knowledge	 How products are used 					
□ To communicate your ideas through taking and drawing	 Where products might be used 					
□ To model your ideas	 What materials products are made from 					
□ To use information technology	 What you like and dislike about a product 					
Making:	Technical Knowledge:					
□ To be able to say what to do next	□ Do you know about the workings of different materials?					
□ To select a range of tools ad equipment and explain why	□ Do you know about the workings of different components?					
□ To use materials and components for their characteristics	□ Do you know about the simple movement of levers, sliders, wheels and axles?					
□ To follow safety procedures	□ Do you know how free standing structures can be made stronger?					
□ To follow hygiene procedures	□ Do you know that a 3D textile product can be made from two identical fabric					
□ To measure, mark out, cut and shape materials	shapes?					
□ To assemble, join and combine materials	□ Do you know that food should be combined by sensory characteristics?					
□ To use finishing techniques.	□ Do you know the correct vocabulary for the project you are undertaking?					
Cooking & Nutrition:						
Do you know that all food comes for plants and animals?						
□ Do you know that food has to be farmed, grown or caught?						
□ Do you know how to sort food in to five food groups?						
□ Do you know you need to eat 5 portions of fruit/vegetables each day?						
□ Do you know how to prepare simple dishes safely?						
□ Do you know how to peel, grate and cut?						





Lower Key Stage Two				
Designing:	Evaluating:			
□ To work confidently in a range of different environments	To identify the strengths and areas of development in their ideas and products			
□ To describe the purpose of your product	☐ To consider the views of others to improve their work			
□ To indicate the design features of your product	□ LKS2: To refer to your design criteria as you make			
□ To explain how the parts of your product work	□ LKS2: To use your design criteria to evaluate your product			
□ LKS2: To gather information about the needs and wants of an individual or group	Investigate and Analyse:			
□ LKS2: To develop your own design criteria and use it to inform your ideas.	☐ How well have your products been designed?			
□ To clarify ideas through discussion	☐ How well have your products been made?			
□ To model ideas with prototypes	□ Why have you chosen your materials?			
□ To use annotated sketches, cross section drawings and exploded diagrams to	☐ How well does your product work?			
communicate ideas	☐ How well does your product achieve its purpose?			
☐ To use CAD to develop and communicate ideas.	☐ How well do products meet the users' needs and wants?			
□ LKS2: to generate realistic ideas	□ LKS2: Who designed and made the product?			
□ LKS2: To make design decisions taking into account the availability of resources.	□ LKS2: Where were products made and designed?			
	□ LKS2: When were products made and designed?			
	□ LKS2; Whether products can be recycled or reused?			
Making:	Technical Knowledge: Do you know			
☐ To be able to select tools suitable for the task	about people who have developed ground breaking products?			
☐ To be able to explain your choice of tools and techniques	□ how to use science/maths to help you design and make products?			
□ To be able to select materials and components according to their function,	□ that your materials are both functional / aesthetic and can be combined and mixed?			
properties and aesthetic appearance (look)	that mechanical and electrical systems have an input, process and an output?			
□ LKS2: To be able to order the main stages of making	the correct vocabulary for the project you are undertaking?			
□ To follow procedures for safety and hygiene	□ LKS2: about mechanical systems - leavers, linkages and pneumatic systems			
□ To use a wider range of materials than KS1 - construction kits, textiles, food	□ LKS2: about simple electrical circuits?			
ingredients, mechanical components, electrical components.	□ LKS2: how to programme a computer to control products?			
□ LKS2: To be able to measure, mark out, cut and shape materials	□ LKS2: how to make string, stiff shell structures?			
□ LKS2: To be able to assemble, join, and combine materials/components	□ LKS2: that a simple fabric shape can make a 3D textile product			
 LKS2: To apply a range of finishing techniques with accuracy. 	LKS2: that food ingredients can be fresh, pre-cooked and processed.			
Cooking & Nutrition:				
$\ \square$ Do you know that food is grown, reared and caught in the UK, Europe and the wider wo				
Do you know how to prepare and cook a variety of savoury dishes safely using a heat so				
Do you know how to use range of techniques - peeling, chopping, slicing, grating, mixing, spreading, kneading, baking				
LKS2: To know what a healthy diet is – The Eatwell Guide & to be active and healthy, f	ood and drink are needed to provide energy for the body.			





Upper Key Stage Two

Des	Designing: Evaluating:		
	To work confidently in a range of different environments		To identify the strengths and areas of development in their ideas and products
	To describe the purpose of your product		To consider the views of others to improve their work
	To indicate the design features of your product		UKS2: To critically evaluate the quality of your design, manufacture and fitness for purpose
	To explain how the parts of your product work		UKS2: To evaluate your ideas and products against your design criteria.
	UKS2: To carry out research: surveys, questionnaires, interviews	Inv	restigate and Analyse:
	UKS2: To develop a simple design specification to guide your thinking		How well have your products been designed?
	To clarify ideas through discussion		How well have your products been made?
	To model ideas with prototypes		Why have you chosen your materials?
	To use annotated sketches, cross section drawings and exploded diagrams to		How well does your product work?
	communicate ideas		How well does your product achieve its purpose?
	To use CAD to develop and communicate ideas.		How well do products meet the users' needs and wants?
	UKS2: To generate innovative ideas, drawing on research		UKS2: How much do products cost?
	UKS2: To make design decisions taking account constraints such as time, resources		UKS2: How innovative are your products?
	and cost.		UKS2: How sustainable are the materials in your product?
			UKS2: What impact does your product have?
Mak	king:	Tec	chnical Knowledge: Do you know
	To be able to select tools suitable for the task		about people who have developed ground breaking products?
	To be able to explain your choice of tools and techniques		how to use science/maths to help you design and make products?
	To be able to select materials and components according to their function, properties		that your materials are both functional / aesthetic and can be combined and mixed?
	and aesthetic appearance (look)		that mechanical and electrical systems have an input, process and an output?
	UKS2: To produce appropriate lists of tools, equipment and materials required		the correct vocabulary for the project you are undertaking?
	UKS2: To formulate a step by step plan.		UKS2: about mechanical systems - cams, pulleys, and gears
	To follow procedures for safety and hygiene		UKS2: how more complex electrical circuits can be used?
	To use a wider range of materials than KS1 - construction kits, textiles, food		UKS2: how to program a computer to monitor changes in the environment and control their
	ingredients, mechanical components, electrical components.		products
	UKS2: To accurately measure, mark out, cut and shape materials		UKS2: how to reinforce and strengthen a 3D framework
	UKS2: To accurately assemble, join, and combine materials/components		UKS2: that a 3D texture product can be made from a combination of fabric shapes
	UKS2: To accurately apply a range of finishing techniques with accuracy.		UKS2: that a recipe can be adapted by adding or substituting ingredients.
	UKS2: To demonstrate resourcefulness.		
Coo	king & Nutrition:		□ Do you know how to use range of techniques - peeling, chopping, slicing, grating, mixing,
□ Do you know that food is grown, reared and caught in the UK, Europe and the wider world?		spreading, kneading, baking	
□ Do you know that seasons may affect the food available? □		UKS2: Do you know that recipes can be adapted to change appearance, taste, texture	
	□ Do you know how food is processed into ingredients that can be eaten or used in cooking?		and aroma
	Do you know how to prepare and cook a variety of savoury dishes safely using a heat source?		 UKS2: Do you know that different food and drink contains different substances - nutrients, water and fibre.

