

Design and Technology Key Stage 1

Year 1 Emerging skills are evident)	Year 1 On track with skills	Year 1 On track with skills and confidently applying
Design	Design	Design
I can communicate my ideas using drawings.	I can use pictures to describe what I want to do.	I am beginning to explain my choices for selecting certain tools, techniques and materials.
With help I can select the appropriate tools, techniques and materials.	With help I can think of ideas and plan what to do next, based on what I know about materials and components.	I can talk about and generate ideas from my own and others' experiences.
	With help I know the features of familiar products.	I can plan by suggesting what to do next as my ideas develop.
Make	Make	Make
I can make a structure with help.	With help I can select tools, techniques and materials from a range selected by the teacher.	I can assemble, join and combine materials with help.
I can cut materials using scissors.	With help I can describe the materials I have used to make my structure.	I am beginning to measure and mark out the materials I need for my structure.
With help I can make a product from textiles.	With help I can mark out fabric.	I can join fabrics together using glue or simple stitches.
	With help I can make a product that moves using wheels.	
	With help I can make a product that moves using a lever.	
Evaluation	Evaluation	Evaluation
I can talk about my own work.	I can talk about ideas and say what I like and dislike.	I can identify what I could have done differently.
With help I can describe how a product works.	I can describe the properties of the materials I have used.	I can suggest things I could do in the future.
With help I can recognise what I have done well in my work.	I can recognise what I have done well in my work.	I can identify how I could improve my work in the future.
Technical knowledge	Technical knowledge	Technical knowledge
With help I can explore and use simple levers.	I know that textiles have different properties e.g. waterproof	I understand my product needs to be made from materials which are suitable for the job.
I can explore and use wheels.	I know how textiles can be used to make products.	I can select the appropriate textile with help so that it does the job I want it to do.
I can help explore and use axels.	I can make materials for my structure stronger by rolling.	With help I can understand about the characteristics of materials such as folding paper makes it stronger.
	I can explore how moving objects work.	
Cooking and nutrition	Cooking and nutrition	Cooking and nutrition
With help I know I have to wash my hands and keep work surfaces clean when preparing	I know I have to wash my hands and keep work surfaces clean when preparing food.	With help I can describe the properties of food ingredients: taste, smell, texture and

food.		consistency.
With help I can use a mixing bowl to prepare mixture.	I can use a mixing bowl to prepare mixture.	With help I know how to best store my product for long-life and hygiene.
	With help I can weigh or measure ingredients.	I can weigh or measure ingredients.
	I can help to make a food product.	
I can follow safe procedures for food safety and hygiene with help.	I can follow safe procedures for food safety and hygiene.	

Year 2 Emerging skills are evident	Year 2 On track with skills	Year 2 On track with skills and confidently applying
Design	Design	Design
I am beginning to explain my choices for selecting certain tools, techniques and materials.	I can design purposeful, functional appealing products for myself based on design criteria.	I am beginning to use research to help me design products that are fit for purpose.
I can talk about and generate ideas from my own and others' experiences.	I can design purposeful, functional appealing products for other users based on design criteria.	I am beginning to use research to help me design functional and appealing products.
I can plan by suggesting what to do next as my ideas develop.	I can generate, develop, model and communicate my ideas through talking, drawing and templates.	I am beginning to communicate my ideas through annotated sketches.
	I can generate, develop, model and communicate my ideas using information and communication technology.	I am beginning to communicate my ideas through cross-sectional diagrams.
Make	Make	Make
I can assemble, join and combine materials with help.	I can select from a range of tools and equipment to perform practical tasks such as cutting, shaping, joining and finishing.	I am beginning to use a wider range of tools to perform practical tasks accurately.
I am beginning to measure and mark out the materials I need for my structure.	I can use a range of tools and equipment to perform practical tasks such as cutting, shaping, joining and finishing.	I am beginning to use a wider range of equipment to perform practical tasks accurately.
I can join fabrics together using glue or simple stitches.	Select from and use a wide range of materials and components, including construction materials, textiles and ingredients, according to their characteristics.	I am beginning to select from a wider range of materials and components according to their functional qualities.
	I can select from a wide range of materials and components,	I am beginning to select from a wider range of materials and

	including construction materials, textiles and ingredients, according to their characteristics.	components according to their aesthetic qualities.
	I can use a wide range of materials and components, including construction materials, textiles and ingredients, according to their characteristics.	
Evaluation	Evaluation	Evaluation
I can identify what I could have done differently.	I can explore and evaluate a range of existing products.	I am starting to investigate and analyse a range of existing products.
I can suggest things I could do in the future.	I can evaluate my ideas and products against design criteria.	I am starting to consider the views of others to improve their work.
I can identify how I could improve my work in the future.		
Technical knowledge	Technical knowledge	Technical knowledge
I understand my product needs to be made from materials which are suitable for the job.	I can build structures, exploring how they can be made stronger, stiffer and more stable.	I am starting to apply my understanding of how to strengthen more complex structures.
I can select the appropriate textile with help so that it does the job I want it to do.	I can explore and use mechanisms, such as levers, wheels and axles, in my products.	I am starting to apply my understanding of how to reinforce more complex structures.
With help I can understand about the characteristics of materials such as folding paper makes it stronger.		
Cooking and nutrition	Cooking and nutrition	Cooking and nutrition
With help I can describe the properties of food ingredients: taste, smell, texture and consistency.	I can use the basic principles of a healthy and varied diet to prepare dishes.	I am beginning to understand the principles of a healthy and varied diet.
With help I know how to best store my product for long-life and hygiene.	I understand where food comes from.	I am starting to know where and how a variety of ingredients are grown.
I can weigh or measure ingredients.		