



Progression of Knowledge and Skills in **Design Technology**

Nursery	Reception	Year One	Year Two
Developing, planning and communicating ideas. I will show an interest in technological toys with knobs or pulleys, or real objects such as cameras and mobile phones. I will developing preferences for forms of expression. I can capture my experiences and responses with a range of media such as music, dance, paint and other materials or worlds.	Developing, planning and communicating ideas. I can manipulate materials to achieve a planned effect. I will construct with a purpose in mind using a variety of resources.	Developing, planning and communicating ideas. I can draw on their own experience to help generate ideas. I can suggest ideas and explain what I am going to do Identify a target group for what I intend to design and make. I can model my ideas in card and paper. I will develop my design ideas applying findings from my earlier research.	Developing, planning and communicating ideas. I can generate ideas by drawing on my own and other people's experiences. I can develop my design ideas through discussion, observation , drawing and modelling. I can identify a purpose for what they intend to design and make. I can identify simple design criteria Make simple drawings and label parts.

Nursery	Reception	Year One	Year Two
Use all their senses in hands on exploration of natural materials. Explore collections of materials with similar and/or different properties. Talk about what they see, using a wide vocabulary. Working with tools, equipment, materials and components to make quality products (inc food). I can talk about why things happen and how things work. I know how to operate simple equipment.	Working with tools, equipment, materials and components to make quality products (inc food). I can use simple tools and techniques competently and appropriately. I can select appropriate resources and adapts work where necessary. I can select tools and techniques needed to shape, assemble and join materials I am using. They safely use and explore a variety of materials, tools and techniques, experimenting with colour, design, texture, form and function.	Working with tools, equipment, materials and components to make quality products (inc food). I can make my design using appropriate techniques. With help, I can measure, mark out, cut and shape a range of materials. I can use tools eg scissors and a hole punch safely. I will assemble, join and combine materials and components together using a variety of temporary methods e.g. glues or masking tape. Select and use appropriate fruit and vegetables, processes and tools	Working with tools, equipment, materials and components to make quality products (inc food). I will begin to select tools and materials; use vocab' to name and describe them. Measure, cut and score with some accuracy. Use hand tools safely and appropriately. Assemble, join and combine materials in order to make a product. Cut, shape and join fabric to make a simple garment. Use basic sewing techniques.

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I am beginning to construct stacking blocks vertically and horizontally, making enclosures and creating spaces. I can join construction pieces together to build and balance. Evaluating processes and products I know that tools can be used for a purpose. Develop their own ideas and then decide which materials to use to express them. Join different materials and explore different textures.	I can explore different materials freely, in order to develop their ideas about how to use them and what to make. Join different materials and explore different textures. Evaluating processes and products I can represent my own ideas thoughts and feelings through design and technology. I can select appropriate resources and adapt my work where necessary. Return to and build on their previous learning, refining ideas and developing their ability to represent them.	I can use basic food handling, hygienic practices and personal hygiene. I can use simple finishing techniques to improve the appearance of my product. Evaluating processes and products I will begin to evaluate my product by discussing how well it works in relation to the purpose. I will evaluate my products as they are developed, identifying strengths and possible changes they might make. I will evaluate my product by answering questions about what I have made and how they have gone about it.	Follow safe procedures for food safety and hygiene. Choose and use appropriate finishing techniques. Evaluating processes and products I will evaluate against the design criteria. I will evaluate my products as it is developed, identifying strengths and possible changes I might make. I can talk about my ideas, saying what I like and dislike about them.