

Subject Specific-Skills: Age-related expectations in Design Technology

Year	Practical Skills	Making	Design Skills (Planning, Evaluating)
1	To be able to: <ul style="list-style-type: none"> • Cut food safely - cutting fruit to make smoothies • Cut materials safely, using the tools provided.- dinosaur pictures with moving parts 	To be able to: <ul style="list-style-type: none"> • Make a product which moves- dinosaur pictures with moving parts • Make my model stronger- bird feeder 	To be able to: <ul style="list-style-type: none"> • Use my own ideas to make something.- bird feeder • Explain how I want to make my product- bird feeder • Choose appropriate resources and tools.- dinosaur with moving parts • Make a simple plan before making- bird feeder • Describe how something works- dinosaur with moving parts
2	To be able to: <ul style="list-style-type: none"> • Measure, weigh using measuring cups or electronic scales. • Measure materials to use in a model or structure- castle • Use different cutting, shaping techniques.- pirate ship 	To be able to: <ul style="list-style-type: none"> • Join materials and components in different ways. Clay pots, poppy 	To be able to: <ul style="list-style-type: none"> • Think of an idea and plan what to do next- castle • Choose tools and materials and explain why I have chosen them.- poppy • Describe the ingredients I am using. • Explain what went well with my work- all projects
3	To be able to: <ul style="list-style-type: none"> • Work accurately to measure, make cuts and make holes- volcanoes • Describe how food ingredients come together- Christmas biscuits 	To be able to: <ul style="list-style-type: none"> • Select the most appropriate tools for a given task-buildings • Make a product which uses both electrical and mechanical components. - scientific enquiry 	To be able to: <ul style="list-style-type: none"> • Design a product and make sure that it looks attractive- biscuits • Follow a step-by-step plan, choosing the right equipment and materials. - scientific enquiry • Choose a textile for both its' suitability and appearance- princess blanket • Prove that my design meets set criteria- all projects
4	To be able to: <ul style="list-style-type: none"> • Measure and cut accurately- submarine • Apply appropriate cutting and shaping techniques.- Mountains • Know how to be hygienic and safe when using food.- Manchester tarts 	To be able to: <ul style="list-style-type: none"> • Explain how I have improved my original design- all topics • Present a product in an interesting way- mountains • Persevere and adapt my work when my original ideas do not work- submarine 	To be able to: <ul style="list-style-type: none"> • Use ideas from other people when I am designing- submarine • Produce a plan and explain it- mountains • Evaluate and suggest improvements for my designs- Manchester tart • Evaluate products for both their purpose and appearance- shield
5	To be able to: <ul style="list-style-type: none"> • Cut with precision-puppets • Use a range of tools competently- bird feeder • Show that I can be both hygienic and safe in the kitchen 	To be able to: <ul style="list-style-type: none"> • Make a prototype before a final version- puppet 	To be able to: <ul style="list-style-type: none"> • Come up with different ideas after collecting information from different sources- birdfeeder • Produce a detailed step-by-step plan- puppet • Suggest alternative plans- bird feeder • Explain how a product will appeal to a specific audience,- puppet • Evaluate the appearance and function of a product against original criteria- puppet
6	To be able to: <ul style="list-style-type: none"> • Demonstrate a range of baking and cooking techniques. • Show an understanding of the qualities if materials to choose appropriate tools.- Anderson shelter 	To be able to: <ul style="list-style-type: none"> • Work within a budget -memories • Ensure products have a high quality finish- Victorian houses 	To be able to: <ul style="list-style-type: none"> • Use market research to inform plans and ideas- Anderson shelters • Follow and refine my plans- Victorian house • Show that I consider culture and society in my plans and designs/ - Victorian house • Show that I can test and evaluate my products, against clear criteria.- Anderson Shelter

