

Pear Tree Infant & Nursery School
End of Year Statements for Age Related Children

Subject – Design & Technology

	By end of Early Years	By end of Year 1	By end of Year 2
Design	• I can use creative and imaginative skills to design products. • I know which tools and materials are most appropriate to make products with. • I can draw upon prior knowledge and experience and apply this knowledge to my own design of products. • I can design products for a purpose. • I can explore and experiment with different colours and I know which are the most suitable to use on products.	• I can design and name products and explain their purpose. I can follow step by step instructions to design a functional product. • I can design a specific product suited to a particular setting (e.g. for the home, school, playground, local community). • I can use imaginative and creative skills, with support, with the aim to invent a purposeful item by drawing upon previous knowledge of designing products.	• I can design purposeful and functional products for myself and other users, based on design criteria. • I can work towards designing products that are appealing for myself and other users based on a design criterion. • I can design products with key settings in mind (e.g. for the home, school, playground, local community) and explain how the product suits its environment. • I can use imaginative and creative skills, independently, with the aim to invent a purposeful item by drawing upon previous knowledge of designing products.

Make	• I can select and safely use appropriate tools and materials to make products. • I can use different media and resources to make products (e.g. glue, tape, cardboard, foam, blocks). • I can combine different media and materials in the making of products to create new effects. • I can join pieces together effectively to create products. • I can manipulate materials to create the desired outcome. • I can make products with a purpose in mind.	• I can select from and use a range of tools and equipment to perform practical tasks, including cutting and shaping. • I can select and use a wide range of materials, including construction materials and ingredients, and explain how they are suited for my product design. • I can recognise that tools and equipment need to be handled safely in order to keep myself and others safe.	• I can select from and use a range of tools and equipment to perform practical tasks, including cutting, shaping, joining and finishing. • I can select from and use a wide range of materials and components, including construction materials, textiles and ingredients according to their characteristics: explaining how these are suited for my product design. • I can recognise that tools and equipment need to be handled skilfully and safely in order to keep myself and others safe.
Evaluate	• I can discuss my creations with peers and adults, talking about their features and purpose. • I can consider how products can be adapted and make necessary adaptations. • I can explain my reasoning behind decisions when making products.	• I can explore and discuss a range of existing products, considering both purpose and audience. • I can explore and discuss a range of joining products (e.g. tape, glue, string, Velcro) used and their suitability for my product design. • I can discuss my inventions as well as those of my peers, including changes needed to the original design and potential adaptations for future purposes.	• I can explore and evaluate a range of existing products, explaining how they are suited to their purpose and audience. • I can explore and evaluate a range of joining products e.g. tape, glue, string, Velcro) used and their suitability for my product design. • I can evaluate my inventions as well as those of my peers, including changes needed to the original design and potential adaptations for future purposes.

Technical Knowledge	• I can use simple techniques appropriately and competently (e.g. cutting, sticking, printing). I can select suitable techniques to shape, assemble and join materials. • I can explore and describe different textures of products.	• I can explore and build a range of structures made from different materials and discuss how my structure could be made stronger. • I can explore and use a range of moving mechanisms (e.g. levers, sliders, wheels, axles) in my products.	• I can explore and build a range of structures with my chosen materials, exploring how these can be made stronger, stiffer and more stable. • I can explore, use and create a moving mechanism (e.g. levers, sliders, wheels, axles) in my products • I can name a range of cooking equipment and can use some of these safely.
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