

Westacre Infant School Skills Progression

Subject Area: Design & Technology

Coverage	<p>Autumn term – Who am I? Spring term – To the Rescue Summer term – Animal Allsorts</p> <p>Children look at and talk about a range of objects to discuss their purpose and who might make use of them as a starting point. They design and verbally evaluate their work. They have opportunities to develop listening and sharing skills when they work collaboratively on a project.</p> <p>Homework projects enable our children to build on skills learned and explore a project further. Work is celebrated through shared discussions, displays and (when permitted) classroom swaps to view each other's achievements.</p>	<p>Autumn term – Africa Spring term – Famous Explorers</p> <p>Children learn that a product should have a purpose so that they know who they are making it for and why. They refer to their designs and evaluate a finished piece. Changes or improvements help them to persevere and to look closely at a product. Collaborative work lets our children develop a critical eye and to consider each other's ideas.</p> <p>Homework projects enable our children to develop and apply the skills they have learned. Work is celebrated through individual presentations, displays (and when permitted) classroom swaps to view each other's achievements.</p>
	Year 1	Year 2
Design	<ul style="list-style-type: none"> • Draw on their own experiences to generate ideas • Suggest ideas & explain what they are going to do • Identify a target group for their design • Use eg construction kits, pictures to help to visualise their design • Model ideas on card or paper • Develop ideas from research 	<ul style="list-style-type: none"> • Generate ideas by drawing on their own and other's experiences • Develop ideas through discussion, observation, drawing & modelling • Use knowledge of existing products to support plans for a similar product • Identify suitable materials & tools to be used • Identify simple design criteria • Make simple drawings and label parts

Make	<ul style="list-style-type: none"> • Select from a range of tools • With help, measure, cut & shape a range of materials • Use tools safely • Cut using scissors • Join with tape or glue • Cut & stick fabrics together • Weave different materials (eg wool, natural materials) • Apply simple finishes, (eg glue on sequins, feathers) 	<ul style="list-style-type: none"> • Explore & talk about a range of tools & materials, including strength & suitability • Measure, cut, score, fold materials with some accuracy • Select & use tools safely & appropriately • Join edge to edge using glue • Use basic sewing techniques • Select from a range of finishes, apply to enhance and improve the finished product
Evaluate	<ul style="list-style-type: none"> • Talk about their designs and what they have made • Talk about steps taken during the making process • Talk about what they like about the product • Talk about how they could improve their product • Talk about how well it works in relation to the purpose 	<ul style="list-style-type: none"> • Evaluate the finished product against the design criteria • Evaluate and make alterations as they are developed • Identify strengths and possible changes they might make to future products. Explain why • Discuss the suitability of the finished product in relation to the design criteria
Technical knowledge	<ul style="list-style-type: none"> • Have the opportunity to handle toys with simple mechanisms and explore how they are operated • Explore books with flaps, pop ups • Use construction equipment to explore building towers and bridges • Explore toy vehicles, their wheels and axles • Attach wheels to a chassis to make an axle 	<ul style="list-style-type: none"> • Select suitable materials for a given purpose • Look at mechanisms (eg levers, pulleys) • Deconstruct a product to see how it works • Use a range of joining methods • Make a simple pop up card • Use simple sewing techniques • Explore how to make a structure more stable

Cooking & nutrition	<ul style="list-style-type: none"> • Recognise that food comes from plants & animals • Sort food by size, taste, texture, colour, food groups etc • Begin to recognise that healthy eating involves a regular diet of fruit & vegetables • Know about basic hygiene when handling food • Safely use se basic tools (eg cutters, whisk) 	<ul style="list-style-type: none"> • Sort & classify different food groups, including proportions of the different groups to a sustain healthy diet • Discuss what happens when food is heated or frozen • Select ingredients for making a healthy sandwich • Know how to prepare food hygienically & safely • Select and safely use suitable tools to employ simple techniques (eg chopping, grating, spreading)
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