

HAWTHORN PARK COMMUNITY PRIMARY SCHOOL

Where Care and Learning Count

Headteacher: Mrs Jeni Houghton



Design and Technology Knowledge Organiser

Year 1

Range of Tools		Main Processes	Food Technology Assessment of skills By the end of the year children will be able to:
Scissors		<u>1. Investigate, observe and record</u> Discuss familiar products and recognise some of their features. Discuss and evaluate what the product is used for. Explore what they are made with. Begin to form an opinion about the product.	<u>2. Generate Ideas</u> Think about and discuss what we see and use. Decide who the product is for What materials will we use Think about how it will work Sketch what you think it might look like
Glue			Understand all food comes from plants or animals (link to science) and that that food has to be caught, farmed, grown or fished. Start to understand the 5 a day for fruit and vegetables (Link to science) Be able to start to cut cucumber and tomato and grate some soft food. Recognise a range of fruit, vegetables and ingredients such as cheese, flour, bread, butter/spread, milk, yoghurt, bananas, apples, peaches, lettuce, mushrooms, potatoes onion and tomato.
Fabric / Boxes		<u>3. Design</u> Say what you are making Create a template/mockup Decide on your next steps Think about the tools you might need	<u>4. Make</u> Select from a range of tools/materials Follow rules for health, safety and hygiene Start to measure, mark out and cut out materials Assemble, join and combine parts of the end product
Basic foods		<u>5. Evaluate</u> Discuss your own design Decide if product is suitable and if it matches plan	Technical Knowledge Assessment – by the end of the year children will be able to : Talk about the parts that make up the product Discuss if the product moves – mechanism, wheels, sliders Talk about how product might become more stable/strong. Use the correct vocabulary for example: button Centimetre, fabric, needle, ribbon, sew tape measure, thread, wool Sellotape, glue Stick, paper clip, plasticine, ruler, straws, 2D, clay, cut, materials, metal, plastic and wood
Cardboard sliders			

