



Design Technology Long Term Plan



Year group	Autumn Term	Spring Term	Summer Term
EYFS	Using simple tools -Play dough	Combining for effect Manipulation to achieve	Construct with a purpose: give an open-ended, topic based, design brief, for the children to complete junk modelling
Year 1	Food DMA fruit skewers -using cutlery knives to cut fruit	Structures Use joining skills to create a bridge using boxes newspaper and cardboard.	Axles and wheels DMA a jungle jeep -use a junior hack saw to cut circular dowelling
Year 2	Food DMA a healthy salad / feast! Link to Science : Plants Trip to Tesco for Farm to Fork	Textiles Use running stitch to create an item eg. Puppet.	Levers and sliders DMA a moving scene matched to an area of the curriculum eg. Three Little Pigs, canals, Titanic
Year 3	Structures DMA a shelter using selected resources from a range given. Investigate tripods.	Pulleys Create a pulley system to complete a task of your choice. Link to Egyptians	Food DMA a pasta dish Link to Geography : Sicilly
Year 4	Textiles DMA a purse using various stitches	Cams DMA a cam system based upon a scene from Greek Mythology Link to History : Ancient Greece	Food Create a fruit crumble using locally sourced fruits. Visit a farm in the local community.
Year 5	Structures DMA an Anglo-Saxon home using square dowelling and cardboard corners for the base, and a cardboard net for the roof. Link : History Anglo Saxons	Levers and linkages Create a pop-up book based upon a Science story. Link : Space and forces	Food and Packaging DMA a burger suitable for an American diner Create a balanced healthy meal. Also create packaging (burger box.)
Year 6	Food DMA - make a bread in chosen style with flavouring. Link to Science : Micro-organisms	Pneumatics Research and make a pneumatic machine for a purpose / challenge.	Electronics DMA an electronic board game using simple circuits and switches. Link to Science : Electricity

