



Subject Overview – Design and Technology

VISION

Here at LCPS we believe that Design and Technology is essentially a practical subject that allows children to think imaginatively and creatively and to become more autonomous and effective problem solvers, both as individuals and as part of a team. Our aim is to provide children with a rich and enjoyable experience of design and technology, in which they can acquire and develop their own designing and making skills. By promoting Design and Technology at LCPS we aim to develop imaginative thinking in children and to enable them to talk about what they like and dislike when designing and making; encourage children to select appropriate tools and techniques to make quality products, whilst following safe procedures; and use and explore a range of materials, resources and equipment.

COVERAGE – At a glance

To be used in conjunction with year group medium term plans

Yr Group	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
N	Various construction kits rotated weekly, regular baking and cooking opportunities, a variety of craft activities for themes/ festivals throughout the year and junk modelling (summer term).					
R	Construction kits (modelling). Rainbow toast.		Design and create robots Junk modelling		Large scale modelling Healthy eating (sandwich making)	
1	Habitat in a box		Design and create toys (Materials)		Bus making Felt puppets (Textiles)	
2	London Bridge (construction)		Moon Buggies (Mechanisms)		Punch and Judy puppets. (Textiles)	
3	Stone age shelters (Construction)	Clay Pots (mouldable materials)	Volcanoes (materials)	Bake Volcano cupcakes (cooking)	Laurel Crowns (Textiles)	
4	Romans shields, coins using salt dough.		Paper mache death masks		Waterways (clay)	
5	Use of palm oil free products to make cakes; trying Brazilian fruits (cooking and nutrition)		Anglo Saxons Use clay to make Anglo-Saxon jewellery (mouldable materials) Use an Anglo-Saxon weaving/knitting loom (textiles)		Anderson Shelters (Stiff and flexible sheet materials, electrical components) Cooking and nutrition (carrot cookies)	
6	Dreamcatchers and totem poles.		Designing and making a Mayan temple.		Electrical circuit linked to a Shakespeare play.	