

Autumn 2 The Great Fire of London	Spring 1 Making Things Move	Spring 2 The circus	Summer 1 Growing up
<p>Tudor Houses</p> <ul style="list-style-type: none"> Look at a range of traditional Tudor timber framed houses Understand tradition timber frame construction Construct Tudor houses from cardboard using a range of techniques Measure, mark out, cut and shape a range of materials Identify what they could have done differently or how they could improve their work in future 	<p>Air powered cars</p> <ul style="list-style-type: none"> Follow instructions to make a basic balloon car Plan how the basic car can be improved Describe their plans in pictures and words Understand how mechanisms can be used in different ways (wheels and axels, joints) Choose simple tools and materials for their tasks Use simple tools and materials to make products Assemble, join and combine materials and components Comment on their own plans and products and suggest areas of improvement 	<p>Tents</p> <ul style="list-style-type: none"> Know that tents have to provide shelter and be erected safely Plan how they are going to make a tent Describe their plans using pictures and words Use simple tools and materials Choose appropriate tools and materials from a selection for their task Select from and use a wide range of materials and components, including construction materials, textiles and ingredients, according to their characteristics Comment on their plans and products and suggest areas of improvement To write an evaluation of tent making against design criteria, suggesting areas of improvement Comment on the usefulness of tents Explore how tent could be made stronger/more stable 	<p>Runner-Bean Frames</p> <p>Runner beans and climbing beans are very productive, making brilliant vertical use of space but they will require a support. Children investigate ways this can be achieved</p> <ul style="list-style-type: none"> Walk around Highgate allotment looking at different designs: tip, traditional, dog leg etc. Design own bean frame using small stakes In groups, and with adult support, make runner bean frames using bamboo and string. Evaluate quality of designs over time.