

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.