## Highgate Primary Year I Design Technology Curriculum

Autumn 2 Celebrations	Spring I  Whatever the Weather	Spring 2 <b>Toys</b>	Summer I  Amazing Architects
Christmas Decorations	Wind chimes	Toys	Buildings
<ul> <li>Explore and evaluate a range of Christmas decorations, commenting critically on design and features</li> <li>Consider design for a new decoration</li> <li>Describe plans for Christmas decoration in pictures and words</li> <li>Choose from a selection of materials according to their properties</li> <li>Choose from a selection of tools</li> <li>Use simple tools and materials to make a Christmas tree decorations</li> <li>Develop basic skills – cutting, sticking using tape and stapler (using tools and joining and finishing techniques)</li> <li>Talk about their own and others' Christmas decorations, saying what they like and dislike</li> </ul>	<ul> <li>Explore and evaluate a range of wind chimes, commenting critically on design and features</li> <li>Design a purposeful, functional, appealing weathervane based on design criteria</li> <li>Select from and use a wide range of materials and components to make a weathervane</li> <li>Select from and use a range of tools and equipment to make a wind chime.</li> <li>Build a wind chime, exploring how it can be made stronger, stiffer and more stable</li> <li>Evaluate their weathervane against design criteria</li> </ul>	<ul> <li>Explore and use mechanisms in products e.g. levers, sliders, wheels and axels</li> <li>Explore how mechanisms can be used in different ways (wheels and axels, joints)</li> <li>Plan and make a simple toy (e.g. junk modelling, sewing)</li> <li>Choose and use simple tools and materials to make a toy or game</li> <li>Identify what they could have done differently or how they could improve their work in future</li> </ul>	<ul> <li>Evaluate the architecture of local buildings</li> <li>Plan the structure they are going to make</li> <li>Suggest what to do next as their ideas develop.</li> <li>Describe their plans of structures in pictures and words</li> <li>Use tools to make their structure</li> <li>Build structures from a range of different materials and skills</li> <li>Use simple finishing techniques to improve the appearance of their product</li> <li>Identify what they could have done differently or how they could improve their work in future</li> </ul>