



St Peter's Design Technology Medium term Plan 2020-21



Year 2

Spring 1 <u>Puppets</u>	Summer 2 <u>Wheels and Axles</u>
<ul style="list-style-type: none">When designing and making, pupils should be taught to:Designdesign purposeful, functional, appealing products for themselves and other users based on design criteriagenerate, develop, model and communicate their ideas through talking, drawing, templates, mock-ups and, where appropriate, information and communication technologyMakeselect from and use a range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing]select from and use a wide range of textiles according to their characteristicsEvaluateexplore and evaluate a range of existing productevaluate their ideas and products against design criteria	<ul style="list-style-type: none">When designing and making, pupils should be taught to:Designdesign purposeful, functional, appealing products for themselves and other users based on design criteriagenerate, develop, model and communicate their ideas through talking, drawing, templates, mock-ups and, where appropriate, information and communication technologyMakeselect from and use a range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing]select from and use a wide range of construction materials , according to their characteristicsEvaluateexplore and evaluate a range of existing productevaluate their ideas and products against design criteriaTechnical knowledgeexplore and use mechanisms [wheels and axles], in their products.
<ol style="list-style-type: none">To evaluate existing puppetsTo make design criteria for my puppetTo design my puppetTo develop ideas through mock ups (practise sewing)To develop sewing skillsTo use a range of textiles according to their characteristicsTo evaluate my product against the design criteria (use evaluation form on server)	<ol style="list-style-type: none">To explore existing products which use wheels and axlesTo evaluate an existing productTo make design criteria based on our researchTo design a functional product based on design criteriaTo select construction materials to make our productTo evaluate my product (use evaluation form on server)