



Markland Hill Topic Overview for DT- KS1 Year B

Autumn	Spring B	Summer A
Moving pictures Mechanical Design Design purposeful functional, appealing products for themselves and others Make Select from and use a range of tools and equipment to perform practical tasks. Evaluate To evaluate ideas and products against design criteria Technical Knowledge Explore and use mechanisms (for example sliders), in their product End points • I can explore and investigate existing mechanisms. • I can use a mechanism in my product. • I can make a lever and use it in my product. • I can design a working product thinking about who it is for and what it needs. • I can make decisions about my product design and use an annotated sketch to show them. • I can create a moving picture using levers, wheels and winding mechanisms.	Finger Puppets Textiles/Materials Design Generate, develop, model and communicate, their ideas through talking, drawing, templates, mock ups and, where appropriate, information and communication technology Make Select from and use a range of tools and equipment to perform practical tasks. Select from and use a range of tools and equipment to perform practical tasks. Evaluate To explore and evaluate a range of existing products End points • I can make drawings and label different parts of puppets. • I can use a template to mark out identical pieces of fabric. • I can develop simple sewing techniques using running stitch. • I can explore and discuss joining techniques. • I can cut materials safely using tools. • I can design a puppet to meet a given criteria. • I can evaluate and review my own design as my work progresses and at the end of the process.	



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Design Make Evaluate Mechanism Select research Lever Rigid Explore Slider Pivot Construct slot Mock up Fasteners	Design Make create Evaluate Generate research joining and finishing techniques, tools, fabrics and components, template, pattern pieces, mark out, join, decorate, finish	