Subject: Technology	Year group: Year 3	Topic: Materials – fridge magnet	Initiation & activation
and, where appropriate, information and of Make :select from and use a range of tools finishing); select from and use a wide rangingredients, according to their characterist Evaluate: explore and evaluate a range of Technical knowledge: build structures, expression mechanisms, (for example levers, sliders, very produced technology: use the basic principles of the selection of the selection and the selecti	s and equipment to perform practical tasks, (or example, cutting, shaping, joining and e of materials and components, including construction materials, textiles and cics existing products; evaluate their ideas and products against design criteria ploring how they can be made stronger, stiffer and more stable; explore and use wheels and axles), in their products.	Vocabulary:	activities:
Programme of Study*	Implementation:	Impact –lesson sequence:	Evaluations and assessments:
use research and develop design criteria to inform the design of innovative, functional, appealing products that are fit for purpose, aimed at particular individuals or groups generate, develop, model and communicate their ideas through discussion, annotated sketches, cross-sectional and exploded diagrams, prototypes, pattern pieces and computeraided design Make select from and use a wider range of tools and equipment to perform practical tasks, such as cutting, shaping, joining and finishing, accurately select from and use a wider range of materials and components, including construction materials, textiles and ingredients, according to their functional properties and aesthetic qualities	Stiff and flexible sheet materials	Sequence.	

Evaluate investigate and analyse a range of existing products evaluate their ideas and products against their own design criteria and consider the views of others to improve their work understand how key events and individuals in design and technology have helped shape the world Technical knowledge apply their understanding of how to strengthen, stiffen and reinforce more complex structures understand and use mechanical systems in their products, (for example as gears, pulleys, cams, levers and linkages) understand and use electrical systems in their products, (for example series circuits incorporating switches, bulbs, buzzers and motors) apply their understanding of computing to programme, monitor and control their products. **Cooking and Nutrition** understand and apply the principles of a healthy and varied diet prepare and cook a variety of predominantly savoury dishes using a range of cooking techniques

understand seasonality, and know where and how a variety of ingredients are grown, reared, caught and processed. • 50% of this programme of study is taught in Years 5 and 6