

Milestone 1 Design and Technology		
Weather Watchers	Superheroes	Amazing places and spaces in the UK/ How to post a penguin egg
Control We will create seasonal Christmas cards.	Design Design products that have a clear purpose and an intended use.	Textiles In D&T we will replicate the Severn Bridge using resources such as newspaper and sticky tape.
Great Ghastly Events	Australia From Field to Fork	Marvellous mechanisms
Design We will design, make and evaluate a model of a Tudor House.	Mechanism Design and make a habitat for an Australian animal using a lever mechanism	Structure /Textiles Create products using levers, wheels and winding mechanisms.
Milestone 2 Design and Technology		
Chocolate	It's good to talk	Land of Hope and Glory
Textiles Create Christmas decorations by sewing Christmas tree decorations. Design, make and evaluate chocolates.	Control We will use clay to replicate that of the pictographic bones and bronze created and used during the Shang Dynasty.	Construction Cut materials accurately and safely by selecting appropriate tools. Select appropriate joining techniques. Choose suitable techniques to construct products
Buildings	Robots	Eurovision
Structure Create and combine shapes to create recognisable forms.	Construction I will be able to disassemble products (take it apart) to see how they work and know how to take care of the	Mechanism The children will create 3d images of a capital city skyline, using paper mechanics and use clay to

	componentry used to ensure my product works.	sculpture and create recognisable forms.
Milestone 3 Design and Technology		
Achievements and legacies	Toy story/Rich and Poor	Earthquakes zones and volcanoes
Food Change or refine recipes by altering the ingredients. For example, knowing to add cinnamon to make an authentic chocolate drink.	Design I will design make and evaluate my own toy. I will learn how to measure and cut materials safely.	Food I will design and make an ecological ice cream sundae thinking about ingredients and flavours.
Conflict, crime and punishment	Land of the Free	Beliefs
Design We will create innovative designs that improve upon existing products. We are designing and making Tudor masks based on our study of Macbeth.	Food Create and refine recipes, including ingredients, methods, cooking times and temperatures.	Textiles Mix textures (rough and smooth, plain and patterned).

Cultural Capital for Design Technology

Each year all children in all year groups will have the opportunity to cook recipes from different places around the world. They will look at designs, designers and recreate designs using a variety of tools and materials. They will look at design in history.

Cultural capital is “the essential knowledge that pupils need to be educated citizens, introducing them to the best that has been thought and said and helping to engender an appreciation of human creativity and achievements.