

Bearwood Primary and Nursery School

'Learning, Enjoying and Succeeding Together'

Design and Technology Concept Map



Concepts **Components** How to use kitchen implements to Food and nutrition Balanced plate with understanding of slice, dice, chop, beat, whisk, fold, food groups sieve, grate, peel, mash, mix Vegetarian and vegan options. Seasonal and Understanding Following unseasonal food. of food labels recipes Understanding of basic hygiene Features of a stable structure Stable structures **Explore** joints Follow designs to create stable Understand how bridges are structures out of a variety of made stable with trusses, materials arches and tension. **Programming and** Simple circuits Design a computer controlled electrical systems system **Understand** computer engineering Mechanical Investigate pivots, levers and Investigate axels and chassis systems linkages Textiles Adding buttons or beads to Uses of a variety of stitches fabric. Understanding pattern pieces and fashion design. **Inventions and** Mackintosh Worldwide web Paper achievements

Kites

Gunpowder