

Year 6 – Design and Technology

Knowledge, Skills and Understanding



Food
<ul style="list-style-type: none">• I can confidently plan a series of healthy meals based on the principles of a healthy and varied diet• I can use information on food labels to inform choice• I can research, plan and prepare and cook a savoury dish, applying my knowledge of ingredients and my technical skills
Textiles
<ul style="list-style-type: none">• I can use research I have done into famous designers and inventors to inform my designs• I can generate, develop, model and communicate my ideas through discussion, annotated sketches, cross-sectional and exploded diagrams, prototypes, pattern pieces and computer-aided design• I can apply my knowledge of materials and techniques to refine and rework my product to improve its functional properties and aesthetic qualities
Control and structures
<ul style="list-style-type: none">• I can use my technical knowledge and accurate skills to problem solve during the making process• I can use my knowledge of famous designs to further explain the effectiveness of existing products and products I have made• I can use a wide range of methods to strengthen, stiffen and reinforce complex structures and can use them accurately and appropriately• I can apply my understanding of computing to program, monitor and control my products