

























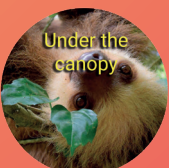
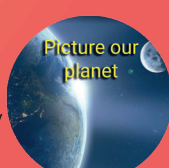

D.T

Year 3 and Year 4

SUBJECT AIMS - By the end of KS2 children at WVPS will:

- Develop creative vision, technical vocabulary and practical skills.
- Critically evaluate and test their own ideas, products and the work of others.
- Understand and apply principles of nutrition and learn how to cook.

- In KS2 pupils should be taught:**
- Design**
 - 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 computer-aided design
 - Make**
 - Select from and use a wider range of tools and equipment to perform practical tasks 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
 - 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
 - Understand and use electrical systems in their products
 - Apply their understanding of computing to program, 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

National Curriculum Links	Year 3	Term	Year 4	National Curriculum Links
		Autumn 1		
		Autumn 2		
  		Spring 1		 
   		Spring 2		
		Summer 1		
   		Summer 2		

inspireenjoyachieve

