



DESIGN AND TECHNOLOGY PROGRESSION MAP

KEY STAGE ONE

NATIONAL CURRICULUM AIMS. PUPILS SHOULD BE TAUGHT TO:

- TO DESIGN PRODUCTS, TEST AND SHARE THEIR DESIGN
- TO MAKE THEIR PRODUCTS USING A RANGE OF MATERIALS, TOOLS AND TECHNIQUES
- TO EVALUATE THEIR PRODUCTS AGAINST DESIGN CRITERIA AND COMPARE TO EXISTING PRODUCTS.
- TO DEVELOP TECHNICAL KNOWLEDGE OF STRUCTURES AND MECHANISMS
- UNDERSTAND WHERE FOOD COMES FROM AND PREPARE HEALTHY DISHES

HOW THIS IS MAPPED IN OUR CURRICULUM

- CHILDREN CAN DESIGN, PLAN, CONSTRUCT, AND TEST PURPOSEFUL PRODUCTS FOLLOWING SIMPLE CRITERIA IN A RANGE OF CONTEXTS.
- CHILDREN CAN USE A RANGE OF MATERIALS, AND DEMONSTRATE MEASURING, CUTTING, AND JOINING.
- EVALUATE IDEAS AND PRODUCTS THROUGH DISCUSSION, COMPARISON AND EVIDENCE. IDENTIFY STRENGTHS, WEAKNESSES AND IMPROVEMENTS.
- CHILDREN CAN BUILD STRUCTURES, SIMPLE MECHANISMS AND DISCUSS THEIR COMPONENTS.
- CHILDREN CAN IDENTIFY FOODS INTO FOOD GROUPS. EXPLAIN WHY A BALANCED DIET IS IMPORTANT. UNDERSTAND THAT FOOD IS PRODUCED – FARMED, GROWN OR CAUGHT. DEVELOP BASIC FOOD PREPARATION SKILLS.