

Kimbolton Primary Academy

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Key stage 1 Design and Technology

- ❖ Design purposeful, functional, appealing products for themselves and other users based on design criteria.
- ❖ Generate, develop, model and communicate their ideas through talking, drawing, templates, mock-ups and information technology.
- ❖ Select and use from a range of tools and equipment to perform practical tasks.
- ❖ Select from and use a wide range of materials and components, textiles and ingredients according to their characteristics.
- ❖ Explore and evaluate a range of existing products.
- ❖ Evaluate their ideas and products against design criteria.
- ❖ Build structures, exploring how they can be made stronger, stiffer and more stable.
- ❖ Explore and use mechanisms such as levers, sliders, wheels and axles in their products.
- ❖ Use the basic principles of a healthy and varied diet to prepare dishes.
- ❖ Understand where food comes from.

Year 2 Objectives:

- ❖ I can think of an idea and plan what to do next.
- ❖ I can use tools and materials and explain why I have chosen them.
- ❖ I can join materials and components in different ways.
- ❖ I can explain what went well with my work.
- ❖ I can explain why I have chosen specific textiles.
- ❖ I can measure materials to use in a model or structure.
- ❖ I can describe the ingredients I am using.