

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 1 Objectives:

- ❖ I can use my own ideas to make something
- ❖ I can describe how something works
- ❖ I can cut food safely.
- ❖ I can make a product which moves.
- ❖ I can make my model stronger.
- ❖ I can explain to someone else how I want to make my product.
- ❖ I can choose appropriate resources and tools.
- ❖ I can make a simple plan before making.