

# DT



**Summer: The Great Bread Bake Off** - Learning about the history of bread production, then investigating & evaluating existing bread products. Learning to employ a range of skills and techniques using kitchen tools and measuring equipment, and learning to knead and prove dough.



**Autumn: Let's Go Fly A Kite** - Developing an understanding of frame structures and how they can be strengthened and stiffened. Designing, making, testing and evaluating own kites.

## MIDDLE SCHOOL IS NEXT...



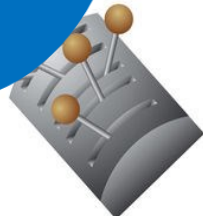
**Spring: Battery Operated Lights** - Developing knowledge and understanding of electrical systems. Learning about series and parallel circuits and different types of switches. Designing and making a battery operated light which will be controlled by a homemade switch.

**Autumn: Juggling Balls** - Following a design brief to design and make a juggling ball. Learning the hemming and overcast stitches and decorating techniques, including using tie-dye and fabric paints.



**Summer: Edible Garden** - Learning where and how a variety of ingredients are grown. Planting and caring for own seeds and using the produce in their cooking.

**Spring: Mechanical Posters** - Developing an understanding of mechanical systems. Learning to make different types of lever and linkage mechanisms before sketching and designing own ideas and creating prototypes.



## YEAR 3

**Summer: China** - Designing & making Chinese dragons and models of The Great Wall of China.

**Summer: Sensational Salads** - Learning to peel, zest and cut safely. Knowing where food comes from & increasing knowledge of healthy eating.



**Autumn: Vehicles** - Designing & making a fire engine which is stable, has working wheels and at least one other moving part. Evaluating existing products, using tools safely, adding decoration using a range of materials and paints, & evaluating finished products.



**Spring: Making Puppets** - Examining a range of puppet characters and styles of puppets. Learning basic sewing and joining methods before designing, making and decorating own puppets.

**Autumn: Moving Pictures** - Developing an understanding of mechanisms. Making moving pictures with levers, wheels and sliders based on a traditional tale.



**Summer: Dips & Dippers** - Learning about food hygiene rules & using kitchen equipment to prepare food safely. Developing an understanding of the Eatwell Plate and the importance of eating a healthy and varied diet.

## YEAR 2

## YEAR 1



**Spring: Packed Lunch Problems** - Developing deeper understanding of structures. Examining existing products, designing own ideas and creating models. Investigating how structures can be made stronger, stiffer and more stable.

- Manipulating materials to achieve a planned effect.
- Constructing with a purpose in mind, using a variety of resources.
- Selecting tools and techniques needed to shape, assemble and join materials.

- Using what they've learnt about media and materials in original ways.
- Representing own ideas, thoughts and feelings through design and technology.

- Using various construction materials.
- Beginning to construct, stacking blocks vertically and horizontally, making enclosures and creating spaces.
- Joining construction pieces together to build & balance.

## YEAR R

