

Through Design and Technology we are able to design and make products that solve real and relevant problems. We learn how to be creative, innovative, resourceful, enterprising and capable citizens who can contribute to our world.



**Collaboration Effort  
Excellence Respect**

### Year 1

#### Year 1 1:2 The Land Before Time

##### *Sliders and Levers:*

Exploring pop-up books and different mechanisms. Experimenting with different sliders and levers. To design, make and evaluate a moving dinosaur for a child to use in a story book.



Problem Solving

#### Year 1 2:1 London's Burning

##### *Freestanding Structures:*

Exploring different bridges. Labelling parts of a bridge structure. Joining different materials for strength and stability, use of construction kits, spaghetti and midget gems. To design, make and evaluate a bridge for a toy car to travel along.



Collaboration

#### Year 1 2:2 Once Upon a Time

##### *Templates and Joining Techniques:*

Exploring hand puppets and labelling existing products. Experimenting with different joining techniques and exploring different fabrics. To design, make and evaluate a hand puppet, for a child to use to retell a story.



Perseverance

#### Year 1 3:1 What a Wonderful World!

##### *Preparing Fruit and Vegetables*

Examining a range of vegetables, focussing on likes and dislikes. Exploring food hygiene and using simple utensils for food processing. To design, make and evaluate a soup for children to enjoy as a healthy meal.



Health and Wellbeing

### Year 2

#### Year 1 1:1 There's No Place Like Home

##### *Freestanding Structures:*

Exploring building, focussing on brick structure for strength and stability. Using construction kits and exploring how to strengthen an existing product. To design, make and evaluate a Lego house for a child to play with.



Trial and Error

#### Year 2 1:2 What the Dickens?

##### *Wheels and Axels:*

Exploring existing wheeled toys. Using wheels and axels construction kits and different cutting and joining techniques. To design, make and evaluate a wheeled toy for a child to play with.



Perseverance

#### Year 2 2.1 Where the Dragons Dance

##### *Food and Nutrition:*

Examining a range of vegetables and searching the origin. Exploring food hygiene practices, using simple utensils for food processing. To design, make and evaluate a stir fry the children to enjoy.



Respecting other cultures

#### Year 2 3.2 It's a Bug's Life

##### *Textiles:*

Exploring different soft toys. Experimenting with different joining techniques, exploring different fabrics, and looking at templates for finished products. To design, make and evaluate a mini-beast soft toy for children to play with.



Experimenting and exploring