

'Do not have anything in your house that you do not know to be useful or believe to be useful'
William Morris

EYFS

EXPLORING WITH BUILDING KITS
Daily in continuous provision

TRYING NEW

WHO CAN HELP?
Children will explore themselves and their family. They will think about different people who help them and represent their ideas using craft.

WHERE AM I?
Children will explore maps and different places. They will represent different places using art and will explore the school grounds by going on a bear hunt for the Grendon Bear

Key Theme
Design, Make, Evaluate Cycle

Year One

Cooking Bread Rolls and Filling
Children will produce a bread roll and fill it with butter and a filling

- Y1 Design Technology Cooking & nutrition: Pizza
- Y2 History The Great Fire of London
- Homework Task

Designing & Making: Moving Pictures
Children will evaluate moving picture books, explore how to make a range of mechanisms and will design, produce and evaluate their own moving picture.

- Parent Share Session
- EYFS EAD Where am I? Who can help?
- Y1 Science Materials
- Y1 History Past and Present

Cooking Pizza
Children will produce their own mini pizza

- Y1 PSHE Being My Best
- Y1 Science Animals including Humans
- Homework Task

Designing & Making: Windmills
Children will produce a windmill with a stable base and sails that turn on an axel.

- Y1 Design Technology Construction Moving Pictures
- Y2 Design Technology Cooking and Nutrition Making Bread

Year Three

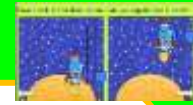
Cooking Soup
Children will produce their own vegetable soup

- Y2 Design Technology Cooking and Nutrition Bread
- History: Stone Age diet,
- Y3 Science Plants
- Y2 Science: Plants
- Homework Task

Designing & Making: A Moving Toy
Children will produce a moving toy using a CAMS based mechanism

- Y2 Design Technology: Construction Windmills
- Y3 History: Ancient Egypt
- Y1 History Past and Present

Key Theme
Cooking Skills



Year Four

Cooking Fruit Crumble
 Children will produce their own fruit crumble using seasonal produce

- 1 Y3 Design Technology Vegetable Soup
- 2 Y4 Science: Plants (Gardening)
- 3 Y3: Geography The UK

 Homework Task

Designing & Making: A Mini Greenhouse
 Children will design and make a mini greenhouse selecting materials and components for their functional properties and aesthetic qualities

- 1 Y2 DT Construction Windmills
- 2 Y4 History – Romans
- 3 Y3 Science Plants (educational visit to the Botanical Gardens)




Year Five



Understanding mechanisms


Year Six

Nutrition and a balanced diet



Cooking Burgers
 Children will produce their own healthy burger

- 1 Y5 Design Technology Cooking and Nutrition Cooking

 Homework Task


Designing & Making: Torches
 Children will produce a torch including a simple circuit


- 2 Y4 Science: Electricity
- 1 Y4 Design Technology Construction Mini Greenhouses



Cooking Chicken or Chickpea Curry
 Children will produce their own chicken or chickpea curry


- 1 Y4 Design Technology Cooking & Nutrition Vegetable Soup
- 2 Y5 Science: Living things and their habitats
- 3 Y4 Science: Plants (Gardening)


 Homework Task



The Future

Designing & Making: Controlling a Product
 Children will use programming skills to control a product they have produced

- 1  Parent Share Session Crumble Buggies demonstration
- 2 Y5 Design Technology Construction Torches
- 3 KS2 Computing – Computer Science:





Continuing Design Technology and Product Design education at KS3

Career paths in

- engineering
- catering
- design
- architecture



Skills of logical thinking and teamwork

