

Remembering & Understanding

Applying & Analysing

Creating & Evaluating

STEMTERPRISE PROJECT

The project involves the children working in groups to complete a series of activities to set up their own restaurant and design, develop, make and market a menu that features a British food as its star ingredient.

SCIENCE

Recognise the impact of diet, exercise, drugs and lifestyle on the way our bodies function.
Design and make a lighting circuit.

WORKING SCIENTIFICALLY

What effect does exercise have on our heart?

MATHS LINKS

Calculate and interpret the mean.
Construct pie charts and line graphs.
Solve problems involving measure.
Area, perimeter and ratio.
Work within a budget.

COMPUTING LINKS

Use computers for research purposes.
Create presentations.
Design and create marketing material.
Audacity – record and edit a radio advert.

ENGLISH

Investigate marketing and branding and design a business logo.
Design a survey and conduct market research.
Evaluate results and come up with a business theme and USP.
Create an advertising campaign with a TV and radio ad using persuasive language.
Present the business journey.

GEOGRAPHY/HISTORY

Investigate food miles.
Ethical businesses – fair trade.
Plastic waste.
Inventions through the ages.
Key breakthroughs in technology.

ENGLISH

Wallace and Gromit's Cracking Contraptions.
Analyse and evaluate contraptions.
Create a pitch to encourage investors on Dragons Den.
Adapt a contraption to suit a different purpose.
Design a contraption.

ENGLISH

Create a Haynes Manual with diagrams and descriptions of our own cracking contraptions.

WWL

Team building activities.

DT

Understand seasonality.
Use research and develop design criteria to develop a product.
Understand and apply the principles of a healthy and varied diet.
Analyse the nutritional content of food.

LIVE LESSONS

Future farming robots:
Investigate how robots can solve some of farming's biggest challenges.
Taste & Flavour:
Investigate how much of your taste is affected by smell.

PSHE/ MENTAL HEALTH & WELLBEING

Re-establishing relationships.
Re-establishing routines & expectations.
Growth mindset & learning behaviours.

PSHE – JIGSAW: HEALTHY ME

Emergency aid.
Body image.
Relationships with food.
Healthy choices and lifestyles.

DT

Prepare and cook a variety of dishes.
Build a scale model.
Create packaging.
Evaluate ideas and products.

DISCRETE subjects will be taught: MATHS, PE & FaB.