

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.

#### 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.

#### 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.

#### 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?

#### 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.

#### PSHE/ MENTAL HEALTH & WELLBEING

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

#### 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.

#### PSHE – JIGSAW: HEALTHY ME

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

#### COMPUTING LINKS

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

#### ENGLISH

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

#### WWL

Team building activities.

#### 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.