Maths

Whole Numbers: Multiplication and Division
- To find multiples, factors and common Factors
- To find Prime Numbers and Composite Numbers
- To find Square and Cube Numbers
- To multiply by 10, 100 and 1000
- To multiply
  - 2-Digit and 3-Digit Numbers by a Single Digit
  - 4-Digit Numbers by a Single Digit
  - 2-Digit Number by a 2-Digit Number
  - 3-Digit Number by a 2-Digit Number
- To divide by 10, 100 and 1000
- To divide without Remainder
- To divide with Remainder

Whole Numbers: Word Problems
- To solve Word Problems including Multi-Step Word Problems using
  - Multiplication
  - Division
  - Bar Models

Statistics: Graphs
- To read the information presented in a table and
  - interpret its meaning
  - respond to information presented
  - turn it into a line graph
- To read and interpret information presented on a line graph

Geography - Fairtrade
- Locate an area on a world map using globes, Google maps and other mapping software.
- Identify land use, economic activity and trade links for food.
- Consider climate considerations and explain why particular crops grow in certain areas.
- Carry out a food miles study.
- Understand the impact of agriculture on climate change.

**Year 5
Autumn 2**

PSHE
My Relationships and Myself
- recognise emotions in others and consider their responses
- be able to describe how mental wellbeing is part of everyday life for everyone
- to understand what is meant by mental ill health and strategies used for wellness

Religious Education
Key question: Justice and poverty: does faith make a difference?

Pupils will:
- raise questions about charity justice and the impact of religion and beliefs, suggesting answers
- begin to explain some differences between two chosen charities
- express their own ideas about justice
- begin to explain the importance of the idea that God loves justice and is just to Muslims and Christians

Computing-Spreadsheets

Pupils will:
- use formulae within a spreadsheet to convert measurements of length and distance and to calculate area and perimeter of shapes.
- use a spreadsheet to model a real-life problem.
- produce solutions that can be practically applied.

Music (including playing the recorder)
Pupils will:
- play melodies on tuned percussion following staff notation
- understand the differences between semibreves, minims, crotchets and crotchet rests
- understand the differences between 2/4, 3/4 and 4/4 time signatures
- read and play short rhythmic phrases at sight