

## Science

### Animals including humans

Find out about food groups & healthy balanced diets. Study the human digestive system & how food is transported around the body. Compare diets of herbivores, carnivores & omnivores. Investigate teeth & what causes decay. Look closely at food chains/webs.

### States of Matter

Children will learn the differences between solids, liquids and gases, classifying objects and identifying their properties. The children will investigate the weight of a gas. They will have chance to find the ideal temperature to melt chocolate.

## Games and PE

Autumn 1 – Football and games

Autumn 2 – Gymnastics and games

## Art and Design

### Art

Autumn – The children will explore how to use pencil, colour, paint, print, collage and paper to create quality art work that shows progression in skills. The children will also have the opportunity to explore the work of several paintings of Autumn scenes, also works by Matisse and by Cezanne.

### Design

Juggling Balls- The children will be given a design brief, asking them to design and make a circus themed juggling ball. A hemming and overcast stitch will be introduced during this unit. The children will learn about decoration techniques; getting the chance to use tie-dye and fabric paints.

## Literacy

### The BFG

Literacy lessons in year 4 this term will all be based around the story of The BFG by Roald Dahl

### Autumn 1

Persuasive Writing

Instructions

Poetry

### Autumn 2

Biographies

Non-chronological Booklets

## Religion

### Autumn 1

People

Called

### Autumn 2

Gift

Community

## Mathematics

Recognise the place value of each digit in a four digit number.  
Order and compare numbers beyond 1000.  
Round any number to the nearest 10, 100 or 1000.  
Count backwards through zero to include negative numbers  
Read Roman numerals to 100 (I to C)  
Add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate  
Estimate and use inverse operations to check answers to a calculation.  
Recall and use multiplication and division facts for multiplication tables up to 12 x 12  
Multiply two digit and three digit numbers by a one digit number using formal written layout.  
Find the area of rectilinear shapes by counting squares.

## PHSCE

Autumn 1 - New beginnings

Autumn 2 - Getting on and falling out

# Year 4 Autumn Term Miss Dyson

## Topic (Geography and History)

### History: Vikings and Anglo Saxons

The children will learn about the raids and invasions by Vikings in Anglo-Saxon Britain. The children will learn who the Vikings were as well as when and where they raided and settled.

### Geography: Water

Water introduces children to the water cycle and allows them to explore the processes of evaporation and condensation through a range of practical activities

## Music

Year 4 have the fantastic opportunity this year to take part in learning to play the clarinet.

## Computing

We will cover these ICT themes in our different subjects:

- Understanding instructions and making things happen
- Text and multimedia
- Searching and sorting information
- Digital imaging and photography