

# Year 5 Spring 1st

## Science

### Rocks

Classify rocks according to physical properties, investigate the types of rocks found locally, explore why rocks found in different areas can vary, fieldwork when visiting the coast

## Art / D.T.

### Mechanical Systems – Pop-Up Books

Learn about sliders, pivots and folds to create paper based mechanisms, design and make a moving book

## P.E.

### Dance – Eco Dance

Use a range of movement patterns, plan a dance with an environmental theme

### Circuit Training

Develop flexibility, strength technique, control and balance when circuit training, set individual challenges and work towards achieving them

## M.F.L.

### Food and Shopping

Numbers 1 to 50, order an ice-cream, order food in a cafe

## English



...and the poem 'The Highwayman'.

### Reading

Continuous teaching of reading and application through VIPERS skills. (Vocab, Infer, Predict, Explain, Retrieve, Summarise)

### Writing

Writing genres will include: Stores with a twist ending

### Spelling/Phonics

Words ending in '-able' where the 'e' from the base word remains, time adverbs, words with suffixes where the base word ends in '-fer', words with silent first letters and silent letters

## Maths

Throughout Spring 1st and 2nd terms including:

### Multiplication and Division

Multiply a 2, 3 and 4-digit number by a 2-digit number, short division, division with remainders

### Fractions

Calculate a fraction of a quantity, multiply a unit and non-unit fraction by an integer

### Decimals and Percentages

Equivalent fractions, decimals and percentages, thousandths, order and compare decimals with up to three decimal places

### Perimeter and Area

Perimeter & area of rectangles, perimeter of polygons, area of compound shapes, estimating area

### Statistics

Draw, read and interpret line graphs, read and interpret timetables

## R.E.

### Religion and the Individual: What matters to Christians

The meaning of Christmas, forgiveness, Easter celebrations, Pentecost and Eucharist

## Computing

### Programming – Micro:bits

Create programs and transfer them to their micro:bits, learn about sequence and loops, inputs, outputs and introducing variables

## History/Geography

### Coasts

Coastal features and how they are formed, coastal erosion, coastal defences, undertake coastal fieldwork including compass and OS map work

## Music

### 'Fresh Prince of Bel-Air

- \* Listen to and appraise Fresh Prince of Bel-Air and other hip-hop songs
- \* Improvise with instruments for the style of the music
- \* Recognise the use of scratching & backing loops
- \* Perform

## PSHE/RHE

- \* Online safety
- \* Chuter Ede Values
- \* What is peer pressure?
- \* What if I'm uncomfortable?
- \* What is loss?
- \* Is my relationship unhealthy?