

## Computing

In computing we will become cryptographers. We will learn to send and decode morse code messages, decrypt messages using different ciphers to understand the importance of using strong passwords.

A ●- -	J ●- - -	S ●●●
B - ●●●	K - ●- -	T -
C - ●- -	L ●- ●●	U ●●- -
D - ●●●	M - -	V ●●●●
E ●	N - ●	W ●- -
F ●●- ●	O - - -	X - ●●●
G - - ●●	P ●- - ●	Y - ●- -
H ●●●●	Q - - ●-	Z - - ●●
I ●●	R ●- ●	

## Religious Education



In RE we will be developing our understanding of the Christmas story and investigating different versions of it from around the world. We will think about eye witness accounts and interpretations of events.

## PSHE

In PSHE we are learning to celebrate difference by finding out about:

- different cultures
- racism
- bullying
- money



## Spelling and Homework

Homework is sent home on Friday and due back on Monday. Children will receive:

- Spellings to learn
- Maths work
- English work
- A home reading book to read for 20 minutes a day.

Please support your child with their homework and ensure it is returned on time.



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## Year 5 Curriculum Information

Autumn 2



## Weather and Climate

## English

Success For All (SFA) is a proven Reading and Writing programme that ensures all children reach their potential in English.

Children are grouped according to their reading age and read a wide range of fiction, non-fiction and poetry.

Children master key comprehension and writing skills. Grammar and spelling are taught weekly and are linked to the text they are reading.

Your child will bring a book home to read which will have been chosen from the class library.

It is expected each child will read at home for 20 minutes every day.

Please comment in your child's Home School Record Diary after you have heard them read.

## IPC Personal Learning Goals

At BHP we strive to ensure our children are prepared for the world in which they will grow up to live in.

We teach our children to be:

Adaptable	Respectful
Resilient	Moral
Thoughtful	Communicative
Cooperative	Inquisitive



## Mathematics

In mathematics we will learn about:

Decimal numbers:

Read, write, order and compare numbers with 3 decimal places. Solve problems involving decimal places.

Measuring Mass:

Multiplication and Division:

Finding factors, prime numbers, developing quick recall of tables, long multiplication.

Time:

Converting between different units of time, measuring elapsed time.

Place Value:

Negative numbers, roman numerals, rounding numbers.

Addition and Subtraction:

Adding and subtracting numbers with at least 4 digits using formal and informal written methods, solve multi-step word problems.

I II III IV V  
VI VII VIII  
IX X C D L M

## Physical Education

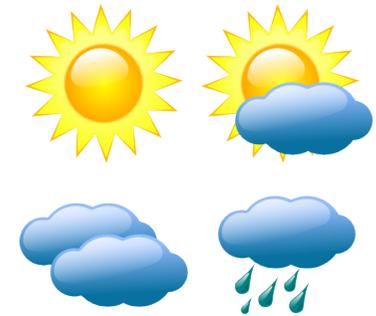
In PE we will be developing our skills in invasion games such as netball, basketball, hockey and football. We will learn about attacking and team play as well as shooting and keeping possession of a ball. We will need to think of strategies and tactics to outwit our opponents.

## International Primary Curriculum

Our IPC topic this half term is called 'Weather and Climate'.

We will be finding out about:

- weather and climate in different parts of the world.
- weather forecasts
- the water cycle
- extreme weather
- how to design weather station instruments.



## Science

In science we will be investigating forces. We will be able to explain forces such as pushes and pulls, know that forces can slow things down, understand how gravity works and understand the effects of air resistance and water resistance. We will also learn how to use pulleys, levers and gears and we will draw diagrams to demonstrate our learning in each area.

## International Mindedness

We will be learning about:

- environmental problems in different countries.
- simple things that we can do to improve our climate.