Birchfield PRIMARY SCHOOL

Year 1 Curriculum Overview
Term 1.1

Teaching Team:

Class Teachers: Miss Akhtar and Miss Hussain

Teaching Assistants: Miss Ghumra and Mrs Kauser

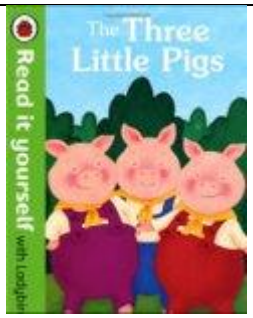
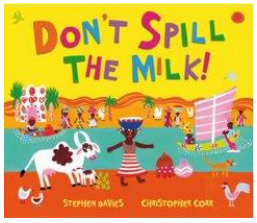
SLT: Miss Fox

PE: PE lessons are on **Tuesday** and **Thursday.**

On these days, children must be wearing their PE kits. This includes a white t-shirt, black tracksuit bottoms and trainers. No jewellery is to be worn, parents must remove this before bringing their child to school on these days.

Homework: Workbooks and reading books will be given out every **Friday** and must be returned to school by **Tuesday.**

Please see below an overview of the main themes, knowledge and skills we will be covering this half term.

Enquiry Question	**<u>"How does life change over time?"</u>**
Significant People	**Captain Sir Tom Moore** was a British Army officer and fundraiser. He showed great determination by completing laps around his estate to raise money for the NHS. Due to his determination to achieve his goal, he raised £38 million.
Class Texts	**<u>Title: The Three Little Pigs</u>** **<u>Author: Lady Bird</u>** Book themes: Teamwork, bravery, determination and resilience.  **<u>Title: Don't Spill The Milk</u>** **<u>Author: Stephen Davies</u>** Book themes: Love, determination, perseverance and relationships. 
Reading	**Domain: 1c - Identify and explain the sequence of events in texts.** **Test technique: ranking/ordering (1-5)** In Reading, the children will be reading the following texts: 'The Three Little Pigs' and 'Don't Spill The Milk'. They will be focusing on the sequence of both texts and ranking and ordering different parts of the stories.
Writing	This half term, children will be learning to write character descriptions and narratives linked to their whole class text: The Three Little Pigs. The children will continue to work on punctuating their sentences correctly using capital letters, full stops and finger spaces. They will also be exploring the language and organisational features of instructions and writing their own set of instructions.
Maths	In Maths, the children will focus on place value and addition and subtraction within 10. - Read and write numerals from 0-10.

	- Number bonds to 10. - Counting forwards and backwards. - Finding one more and one less than a given number. - Adding two amounts together. - Subtracting one amount from another.
Science	This half term, the children will be learning about 'Everyday Materials' and 'Human Senses' through an interleaved approach. Children will begin by learning about natural and human-made materials and what objects can be made using these materials. They will also explore the different properties of materials and begin grouping them. They will move onto the five senses and labelling the different parts of the body.
History	In History, the children will be exploring the different stages of life. They will be applying their knowledge to create timelines and family trees. They will look at the term 'chronology' and what this means in relation to timelines. They will begin to compare life today to life in the 1950s and focus on the similarities and differences.
Art and Design	This half term, the children will focus on the artist 'Frida Khalo' and her love for photography and self-portraits. They will be developing a wide range of art and design techniques using colour, pattern, texture, line, shape, form and space.
PE	The children have 2 PE sessions a week. These are on **Tuesday** and **Thursday.** This half term, the children will be focusing on: - Fundamentals - Teambuilding
RE	In RE, we will be learning about belonging. W e will discuss how we can belong to different communities, religions, clubs and families. We will look at how belonging makes us feel and why it is so important to feel like you belong.
PSHE	In PSHE, we will be exploring **'What makes a good friend?'**. The children will be learning about the characteristics of a good friend and applying their learning by responding to scenarios.
Computing	During this half term, the children will develop their understanding of technology and how it can help them in their everyday lives. They will start to become

	familiar with the different components of an iPad. Children will also consider how to use technology responsibly.
Music	In Music this half term, the children will be focusing on the genre 'Old school Hip Hop'. They will be introduced to a range of songs within this genre and will appraise the songs by answering questions linked to what type of musical instruments they can hear and provide their own opinions of the music.

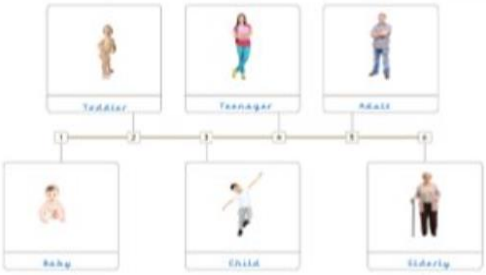
Knowledge Organisers:

History

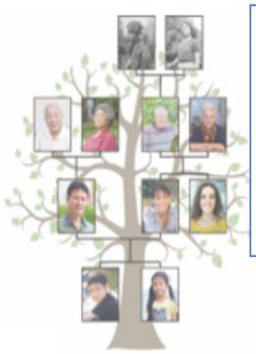
"How does life change over time?"

Childhood
The childhood project teaches children about the everyday lives of children in the past to the present..

Timeline of the human life



The timeline of the human life is made up of six stages. At each stage we have different responsibilities.



Family tree
A family tree helps us understand the people in a family over many generations. It also helps us understand people's relationships to one another.

Historical pictures

This family is listening to a radio. Children were able to listen to programs such as Children's Hour and Listen with Mother.

This is a picture of a family watching television. In the 1950s the screen used to be in black and white.

A lot of people travelled by trains in the 1950s because cars were expensive. The trains were powered by steam.

Knowledge Organisers:
Science

Everyday Materials

Key Vocabulary	Definition
object	A thing that can be used. For example a door, chair, car, table are all objects.
material	Material are what an object is made from.
hard	Not easily broken or bent.
soft	If something is soft, it is easy to cut, fold or change the shape of.
stretchy	Can be pulled to make it longer or wider without breaking.
shiny	Reflects light easily.
dull	Doesn't reflect light. Doesn't look bright or shiny.
rough	If something is rough, it feels and looks uneven or bumpy.

Materials


plastic


wood


metal


water


glass

Everyday Materials


plastic toys


wooden furniture


metal tools


drinking water


glass window

Human Senses

Humans

Humans are a type of animal called a mammal. Mammals have limbs, such as arms and legs, and hair or fur on their bodies. Other mammals include cats, elephants and apes.

All animals, including humans, are living things because they do the following to stay alive:


use their senses


breathe


feed


sleep


get rid of waste


grow


move

Similarities and differences

Most humans have the same body parts, such as skin, a head and limbs. Our body parts make us the same.

Humans are also different from each other. Humans can be female or male. They can be different ages, heights and skin colours. Some humans do not have every body part or have body parts that don't work well.

Other differences include:

hair type and hair colour

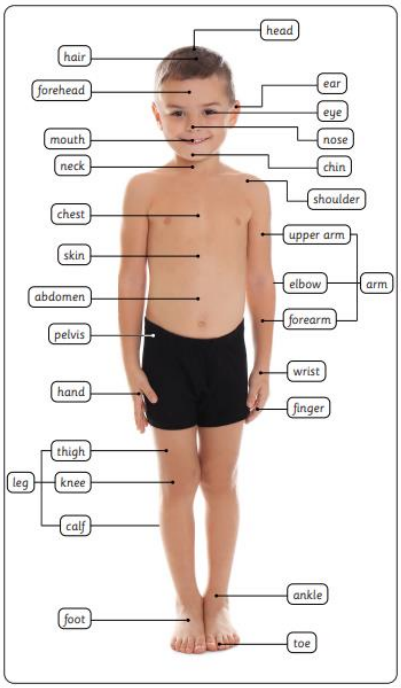
eye colour

nose shape

ear shape

Body parts

There are many different parts of the human body. Each body part has a function. For example, our head allows us to sense what is happening around us. Our neck supports and turns the head.



Knowledge Organisers:
Maths

Year 1 Maths Knowledge Organiser – Addition & Subtraction

Topic Coverage

Addition & Subtraction
- read, write and interpret mathematical statements involving addition (+), subtraction (−) and equals (=) signs
- represent and use number bonds and related subtraction facts within 20
- add and subtract one-digit and two-digit numbers to 20, including 0
- solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as 7 = ? − 9

Represent and use number bonds and related subtraction facts within 20

Related facts

If 2 + 7 = 9
Then 20 + 70 = 90

If 4 + 6 = 10
Then 40 + 60 = 100

If 1 + 5 = 6
Then 10 + 50 = 60

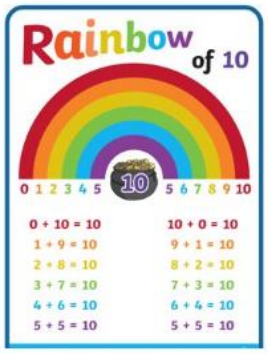
If 3 + 5 = 8
Then 30 + 50 = 80

If 2 + 1 = 3
Then 20 + 10 = 30

If 2 + 2 = 4
Then 20 + 20 = 40

If 3 + 2 = 5
Then 30 + 20 = 50

Number bonds to 10



Related facts

If 1 + 9 = 10
Then 1 +1 9 = 20

If 2 + 8 = 10
Then 1 +1 8 = 20

Commutative Law

Addition can be solved in **ANY** order. You are able to swap the numbers around.

Examples:

5 + 9 = 14
9 + 5 = 14

7 + 8 = 15
8 + 7 = 15

2 + 7 = 9
7 + 2 = 9

9 + 1 = 10
1 + 9 = 10

4 + 3 = 7
3 + 4 = 7

Key Vocabulary	
Add	To bring 2 or more numbers together to make a new total.
Plus	
Sum	The calculation/number sentence of 2 or more numbers.
Solve	To find a solution (to work out something)
Altogether	The answer of adding numbers.
Total	
Subtract	Finding the difference between numbers. (What is left)
Minus	
Take away	
Difference between	
Inverse operation	The opposite operation (inverse of + is – and inverse of – is +)
Column addition	Writing one number below another and then adding one column at a time.
Column subtraction	Writing one number below another and then subtracting one column at a time.
Number facts	Simple calculations with 2 numbers (number bonds/fact families)
Commutative	Solving a number sentence in any order (only with addition e.g. 3+7 = 10 and 7+3=10).

Year 1 Maths Knowledge Organiser – Number and place value

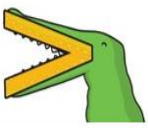
Topic Coverage

Place Value
- count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number
- count, read and write numbers to 100 in numerals; count in multiples of 2s, 5s and 10s
- given a number, identify 1 more and 1 less
- identify and represent numbers using objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least
- read and write numbers from 1 to 20 in numerals and words

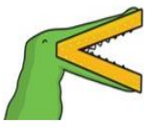
1 one	2 two	3 three	4 four	5 five	6 six	7 seven	8 eight	9 nine	10 ten
11 eleven	12 twelve	13 thirteen	14 fourteen	15 fifteen	16 sixteen	17 seventeen	18 eighteen	19 nineteen	20 twenty
21 twenty-one	22 twenty-two	23 twenty-three	24 twenty-four	25 twenty-five	26 twenty-six	27 twenty-seven	28 twenty-eight	29 twenty-nine	30 thirty
31 thirty-one	32 thirty-two	33 thirty-three	34 thirty-four	35 thirty-five	36 thirty-six	37 thirty-seven	38 thirty-eight	39 thirty-nine	40 forty
41 forty-one	42 forty-two	43 forty-three	44 forty-four	45 forty-five	46 forty-six	47 forty-seven	48 forty-eight	49 forty-nine	50 fifty
51 fifty-one	52 fifty-two	53 fifty-three	54 fifty-four	55 fifty-five	56 fifty-six	57 fifty-seven	58 fifty-eight	59 fifty-nine	60 sixty
61 sixty-one	62 sixty-two	63 sixty-three	64 sixty-four	65 sixty-five	66 sixty-six	67 sixty-seven	68 sixty-eight	69 sixty-nine	70 seventy
71 seventy-one	72 seventy-two	73 seventy-three	74 seventy-four	75 seventy-five	76 seventy-six	77 seventy-seven	78 seventy-eight	79 seventy-nine	80 eighty
81 eighty-one	82 eighty-two	83 eighty-three	84 eighty-four	85 eighty-five	86 eighty-six	87 eighty-seven	88 eighty-eight	89 eighty-nine	90 ninety
91 ninety-one	92 ninety-two	93 ninety-three	94 ninety-four	95 ninety-five	96 ninety-six	97 ninety-seven	98 ninety-eight	99 ninety-nine	100 one hundred

Compare and order numbers from 0-100, use inequality signs.

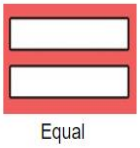
Inequality symbols help compare the value of numbers. Here are the symbols below:



Greater than



Less than



Equal

5 < 10

5 is less than 10

27 > 16

27 is more than 16

50 = 50

50 is equal to 50

Key Vocabulary	
Place value	The value represented by a digit.
Tens	10 ones.
Ones	Value of 1.
Digit	A number
Inequality symbol	Symbols used when comparing numbers (< > +).
Greater than	A number that is bigger than another.
Less than	A number that it smaller than another.
Equal	When two numbers are the same value.

Home Learning

This half term, our school value is '**Determination**'. Please discuss what this means with your child and how they can show determination at school and at home.

Please talk to your child about the knowledge organisers and the key information and vocabulary in readiness for each new topic.

Please ensure your child reads at home with an adult every day. We would like an adult or a sensible sibling to comment in the reading diary every time they read.

Research Sir Captain Tom Moore.

Who is he?

What did he do?

Why is he well known?

How does he link to our value this half term?

Maths interactive games

https://www.topmarks.co.uk/maths-games/hit-the-button

https://ictgames.com/mobilePage/hundredSq/index.html

Phonics interactive games –

https://www.phonicsplay.co.uk/

https://www.topmarks.co.uk/Search.aspx?q=phonics%20games%20year%201