

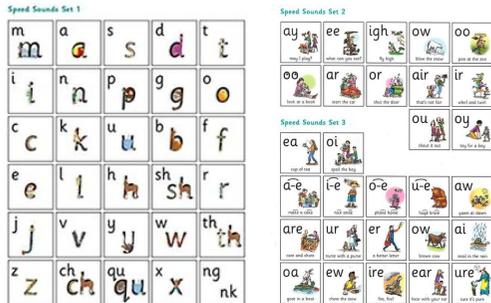
# Year 2

## Reading

By the end of the year, Year 2 need to know:

### Read, Write, Inc:

- Read and spell all set 1, 2 and 3 sounds.
- Recognise sounds in unfamiliar words and use Fred talk to blend.
- Read common exception words.



### Reading comprehension:

- Listen to, discuss and express views about a wide range of contemporary and classic poetry, stories and non-fiction.
- Discuss the sequence of events in books.
- Make inferences based on what has been said and done.
- Predict what might happen on the basis of what has been read so far.
- Explain and discuss their understanding of books, poems that they read and listen to.

## Meet the team!



Mrs Patel, Class Teacher  
Miss Newman, Class Teacher  
Mrs Sheraz, Teaching Assistant  
Miss Uthayasegaran, Teaching Assistant

## Maths

By the end of the year, Year 2 need to know:

### Number and place value.

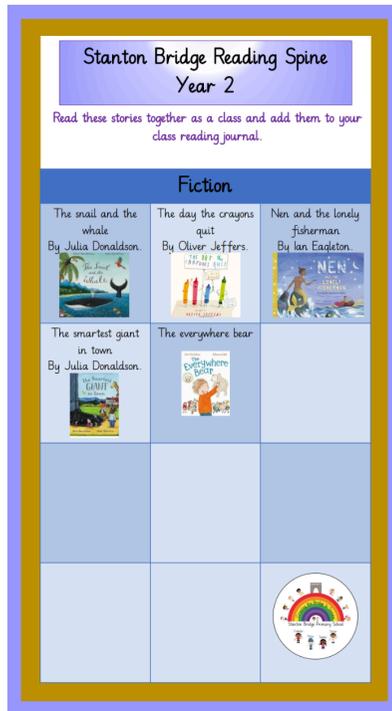
- Count in steps of 2, 3 and 5 from 0, and in tens from any number, forward and backward.
- Recognise the place value of each digit in a two-digit number.
- Identify, represent and estimate numbers using different representations, including the number line.
- Compare and order numbers from 0 up to 100.
- Use  $<$ ,  $>$  and  $=$  signs.
- Read and write numbers to at least 100 in numerals and words.
- Use place value and number facts to solve problems.

### Addition and Subtraction.

- Solve problems with addition and subtraction using concrete objects and pictorial representations, including involving numbers, quantities and measures.
- Solve problems with addition and subtraction, applying their increasing knowledge of mental and written methods.
- Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100.
- Add and subtract numbers using concrete objects, pictorial; representations, and mentally including a two-digit numbers and ones, a two-digit number and

## Reading for pleasure

Books we will enjoy reading together:



## Science

During Year 2, pupils will study:

### Animals including humans:

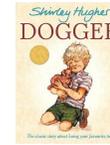
In this topic we will investigate the offspring that animals, including humans produce and about the basic needs for survival. We will also learn about the importance of exercise, diet and hygiene.

## Writing

The texts we will use as inspiration are:



Tuesday by David Wiesner



Dogger by Shirley Hughes



Hansel and Gretel by Anthony Browne

Meerkat Mail by Emily Gravett



Pocahontas

We will use them to write:

- Stories with character and setting descriptions
- Recounts
- Diary entries
- Poetry
- Instructions
- Letters
- Information texts
- Newspaper reports

The Grammar and punctuation we will learn is:

- Formation of nouns, adjectives and adverbs using suffixes
- Subordinating and co-ordinating conjunctions
- Expanded noun phrases for description and specification
- Sentence types: statement, question, exclamation, command.
- Present and past tense including the use of continuous form of verbs.

tens, two two-digit number, adding three one-digit numbers.

- Show that addition of numbers can be done in any order (commutative) and subtraction of one number from another cannot.
- Recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems.

## Multiplication and Division.

- Recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers
- Calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication ( $\times$ ), division ( $\div$ ) and equals (=) signs
- Show that multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot
- Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts

## Fractions.

- Recognise, find, name and write fractions  $1/3$ ,  $1/4$ ,  $2/4$  and  $3/4$  of a length, shape, set of objects or quantity
- Write simple fractions for example,  $1/2$  of  $6 = 3$  and recognise the equivalence of  $2/4$  and  $1/2$ .

### Living things and their habitats:

We will explore and compare the differences between things that are living, dead and things that have never been alive. We will learn about why certain animals are suited to their habitats and how food chains work.

### Everyday Materials:

We will learn about the sustainability of everyday materials and how the shapes of some materials can be changed by squashing, bending, twisting and stretching.

### Plants:

We will observe how seeds and bulbs grow into mature plants and find out how water, light and temperature affect how plants grow.

## Physical Education

### During Year 2, pupils will:

- Master basic movement skills such as running, jumping, throwing and catching.
- Become increasingly competent and confident in and extend their agility balance and co-ordination.
- Engage in competitive and co-operative physical activities.
- Begin to learn simple tactics in team games for attacking and defending.
- Perform dance using simple movement patterns.

Sports we will take part in include:

- Football
- Gymnastics
- Dance and Movement
- Tennis

- Capital letters, full stops, questions marks and exclamation marks.
- Comms to separate items in a list.
- Apostrophes to mark contracted words.

## Personal, Social, Health Education

### During Year 2, pupils will study:

#### Being me in my world.

As part of this topic, we will identify our hopes and fears for the year ahead, discuss how we feel when we are worried and discuss who we can go to when we have these feelings.

#### Celebrating Difference.

In this topic, we will identify ways in which we are different to our friends and talk about why we value these differences. We will be able to give reasons as to why our friends are special to us.

#### Dreams and Goals.

In dreams and goals, we will work together in groups, learning how to co-operate together and express how it feels to work as part of a team.

#### Healthy Me.

In this topic, we will make healthy snacks and explain why they are good for our bodies. We will express how it feels to have a healthy lifestyle and share healthy foods with our friends.

### Measurement.

- Choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm); mass (kg/g); temperature (°C); capacity (litres/ml) to the nearest appropriate unit, using rulers, scales, thermometers and measuring vessels.
- Compare and order lengths, mass, volume/capacity and record the results using  $>$ ,  $<$  and  $=$ .
- Recognise and use symbols for pounds (£) and pence (p); combine amounts to make a particular value.
- Find different combinations of coins that equal the same amounts of money.
- Solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change.
- Compare and sequence intervals of time.
- Tell and write the time to five minutes, including quarter past/to the hour and draw the hands on a clock face to show these times.
- Know the number of minutes in an hour and the number of hours in a day

### Geometry: Properties of shapes.

- Identify and describe the properties of 2-D shapes, including the number of sides and line symmetry in a vertical line.
- Identify and describe the properties of 3-D shapes, including the number of edges, vertices and faces.
- Identify 2-D shapes on the surface of 3-D shapes.
- Compare and sort common 2-D and 3-D shapes and everyday objects.

### Geometry: Position and Direction.

## Religious Education

During Year 2, pupils will study:

- Who are Sikhs and how do they live?
- Who are Jews and what do they believe?
- What can we learn from sacred books?
- How and why do we celebrate special and sacred times?
- How should we care for others and the world and why does it matter?

Through these key questions, pupils will learn what the religions they study believe, items that are special to them and develop an understanding of key stories in the religion. They will learn about some of the celebrations that believers take part in and the meaning behind them.

### Relationships.

In our relationship's topic, we will identify things that may cause conflict with our friends and demonstrate how we can use positive problem-solving techniques in order to resolve these.

### Changing Me.

We will recognise the differences between boys and girls, use the correct names for body parts and understand that some parts of the body are private.

- Order and arrange combinations of mathematical objects in patterns and sequences
- Use mathematical vocabulary to describe position, direction and movement, including movement in a straight line and distinguishing between rotation as a turn and in terms of right angles for quarter, half and three-quarter turns (clockwise and anticlockwise).

### Statistics.

- Interpret and construct simple pictograms, tally charts, block diagrams and simple tables.
- Ask and answer simple questions by counting the number of objects in each category and sorting the categories by quantity.
- Ask and answer questions about totalling and comparing categorical data.

## Music

During Year 2, pupils will:

- Read and play a range of music notes.
- Listen, respond to and learn to play a range of music styles including: Afropop, rock, Reggae, pop and classical.
- Use their voices expressively and creatively by singing songs, speaking chants and rhymes.
- Play tunes and untuned instruments.
- Understand the pulse, pitch, melody and rhythm within pieces of music.

Instruments we will learn to play:

Glockenspiel



Topic

<p style="text-align: center;"><b>Globetrotters.</b></p> <p style="text-align: center;">During this topic, we will study the local area of Coventry!</p>	<p style="text-align: center;"><b>Sparks will fly.</b></p> <p style="text-align: center;">During this topic, we will learn about The Great Fire of London!</p>	<p style="text-align: center;"><b>Masterchef</b></p> <p style="text-align: center;">During this topic, we will learn all about where our food comes from, cook a home-grown meal and use food to create art!</p>
<p>In <b>history</b> we will investigate the history of transport placing key events in history on a timeline. We will learn about significant people in history such as the Montgolfier brothers.</p> <p>In <b>geography</b> we will look at Coventry in detail on a map and learn about human and physical features. We will plan a route into the city and get on a bus to find the features we learn about.</p> <p>In <b>art</b> we will look at the stained-glass windows in Coventry Cathedral and use collage and glass painting to design our own based on the work of Henri Matisse.</p> <p>In <b>DT</b> we will learn about the features of a cathedral and investigate materials to discover the best ones for building models. We will design and make our own cathedral based on what we have learnt.</p> <p>In <b>computing</b> we will learn all about staying safe online and how to blog. We will design, create and program motorised vehicles using Lego Wedo.</p>	<p>In <b>history</b> we will learn all about The Great Fire of London, the key events in the timeline and the historical figures involved.</p> <p>In <b>geography</b> we will locate the 4 countries that make up the United Kingdom and their capital cities. We will learn about continents and further develop our knowledge of the oceans of the world.</p> <p>In <b>art</b> we will create bonfire and London burning pictures using oil pastels. Through this, we will learn about primary and secondary colours and what happens when we mix colours together.</p> <p>In <b>DT</b> we will learn about mechanisms such as wheels and axels when we design and build our own fire engines.</p> <p>In <b>computing</b> we will use Lego Wedo to build and programme an aeroplane as well as using 'Book creator' to make an ebook all about The Great Fire of London.</p>	<p>In <b>history</b> we will investigate people of significance from different periods in history. We will study Florence Nightingale, the work she did and the impact it has had on life today.</p> <p>In <b>geography</b> we will learn all about where our food comes from and the journey it takes to get to our shops. We will also learn about foods that are grown in the UK.</p> <p>In <b>art</b> we will study the work of Giuseppe Arcimboldo and create our own food pictures based on his work. We will use vegetables to investigate natural dye and create Tie dye t-shirts.</p> <p>In <b>DT</b> we will learn cookery skills such as peeling and chopping, design recipes using home grown ingredients and then use our skills to cook a meal.</p> <p>In <b>computing</b> we will use our computational skills to design a computer game to teach others about healthy foods. We will demonstrate safe searching to research recipes and develop our typing skills to create a class recipe book.</p>

## Things to look forward to!



A visit from the fire brigade!



Using Lego Wedo!



Visiting Coventry transport museum!



Catching a bus and walking around Coventry City centre!



Learning all about Guiseppe Archimboldo!



Making a fire engine!

