

Key Knowledge Overview for Y2 Spring 2020

Maths

Number

- To count in steps of 2,3, 5 and 10.
- To identify, represent and estimate numbers using different representations, including the number line.
- To recognise the place value of each digit in a two-digit number and compare and order numbers.
- To read and write numbers up to 100.
- To solve problems.
- To add and subtract numbers using concrete objects, pictorial representations and mentally.
- To recognise and use the inverse relationship between addition and subtraction and commutative law.
- To recall and use multiplication and division facts.
- To partition numbers into tens and ones.
- To recognise and find fractions of shapes and numbers.
- To use and apply number facts to problems.

Geometry

- To identify and describe the properties of 2D and 3D shapes.
- To identify 2D shapes on the surface of 3D shapes.
- To sort and compare 2D and 3D shapes and everyday objects.
- To recognise and create patterns.

Measurement

- To choose and use appropriate standard units to estimate and measure.
- To recognise and use the symbols for pounds and pence and combine amounts to make a value, finding different combinations of coins.
- To solve problems in a practical context.
- To measure time.

Statistics

- To interpret and construct simple pictograms, tally charts, block diagrams and tables.
- To ask and answer simple questions about the categories and totalling/comparing categorical data.

English- / Reading/ Writing/SPAG

Reading:

- To read fluently, without overt sounding out.
- To read common exception words and most words quickly and accurately, without overt sounding out.
- To discuss, draw on background information, retell, predict and make inferences when reading.
- To discuss their favourite words and phrases and recognise recurring literary language, as well as discussing the sequence of events in books.
- To explore non-fiction texts.
- To build up a repertoire of poems, reciting these with appropriate intonation.
- To ask and answer questions about a text.

SPAG

- To spell words with suffixes.
- To use and understand grammatical terminology.
- To use familiar and new punctuation.
- To use expanded noun phrases to describe and specify.
- To proofread, edit and improve work.

Writing:

- To write for different purposes, writing down their ideas and key words, including new vocabulary.
- To form lower case letters of the correct size relative to one another, as well as writing capital letters and digits of the correct size, orientation and relationship to one another.
- To use spacing between words that reflects the size of the letters.
- To segment words into phonemes and represent these by graphemes, writing many correctly.
- To write sentences with different forms.
- To plan what they are going to write about and encapsulate this, sentence by sentence.
- To write poetry and evaluate their writing.
- To use conjunctions.
- To use capital letters correctly..
- To use different sentence types.

ICT/Online Safety

- To understand what algorithms are
- To create and debug simple programs
- To use logical reasoning to predict the behaviour of simple programs
- To use technology safely and respectfully, knowing what to do if they have any concerns.

Science – Animals including humans

- Know that animals, including humans, have offspring which grow into adults
- To find out about and describe the basic needs of animals, including humans, for survival (water, food and air)
- To describe the importance for humans of exercise, eating the right amounts of different food and hygiene.

P.E

Gymnastics - This unit will focus on balance, control and technique.

Multi-skills – This unit will focus on team games and begin to think about tactics for attacking and defending.

Homework

- Read with your child every day.
- Learn spellings for the test on Friday.
- Help your child learn and recall Learn Its.
- Maths and English weekly homework – due Thursdays.
- Talk Homework in preparation for Big Write?

Wider Learning Projects (History, Geography, Art, DT, Music, Dance, Drama)

Martin Luther King (virtues and values)

Children will learn about Martin Luther King and why he is an inspiration. They will explore his values and compare these to our own British Values. They will also celebrate Martin Luther King day.

China (Geography)

Children will locate China on a map and identify continents and oceans in the world. They will explore landmarks such as the Great Wall of China and also compare places in China, such as Beijing, with the United Kingdom. They will use technology to research information about China and also locate places, such as via aerial perspectives.

The Great Fire of London (History)

Children will explore the city of London (past and present) and understand how and why the fire spread. They will identify where the fire fits chronologically and also investigate significant individuals, such as Samuel Pepys.

Aldridge (Our local area)

Children will explore Aldridge (past and present), focussing on reasons for change. They will also ask questions and draw conclusions.

Music- Composer; Edvard Greig

Religious Education

Parables/Miracles

Through the exploration of Jesus' parables and miracles, the children will develop a greater understanding of who Jesus is and what his ministry was.

Special Celebrations

The children will develop their understanding of the Liturgical year as a celebration of the life of Christ. They will also learn about Baptism and Marriage as special sacramental celebrations.

Lent/Holy Week

Children will develop their knowledge and understanding of Lent. They will also understand the theme of forgiveness at this time and look at the events leading up to Easter.