

# St Margaret's at Cliffe Curriculum Overview for Year 4 Term 4 2018 - 2019

## Mathematics

### Measures –Money

- Revise coinage and notes
- Continue to recognise and use symbols for pounds (£) and pence (p)
- Understand that the decimal point separates pounds and pence
- Estimate answers
- Add two or more amounts of money using compact written methods
- Subtract to find a price difference or to calculate change using an expanded written method
- Multiply amounts of money to find the price of several of the same article using an expanded method (use pictures or manipulatives to support)
- Use inverse to check the answer to calculations
- Solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why
- Solve simple money problems involving fractions and decimals to at least one decimal place.

### Measures-weight –to solve problems

- Read and interpret the scale on a range of measuring equipment
- Estimate weights before measuring
- Measure weights in Kg or g and record results using one decimal place
- Convert between Kg and g
- Estimate answers
- Add two or more weights with up to 4 digits and decimals with one decimal place using a written method
- Subtract weights to find the difference or a decrease with numbers with up to 4 digits and decimals with one decimal place using an expanded or compact written method
- Use inverse to check the answer to calculations
- Solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why.
- Solve simple weight problems involving fractions and decimals to one decimal place.

### Fractions to solve problems

- Understand that a fraction is one whole number divided by another (for example,  $\frac{3}{4}$  can be interpreted as  $3 \div 4$ )
- Estimate answers
- Think about the most appropriate strategy to solve a calculation mentally, using a jotting or a written method
- Solve problems involving fractions to calculate quantities, including non-unit fractions where the answer is a whole number
- Solve problems involving fractions to fractions to divide quantities

### Decimals to solve problems

- Read and write numbers with one decimal place.
- Identify the value of each digit to one decimal place.
- Partition numbers into ones and tenths (for example,  $2.3 = 2 + 0.3$ )
- Divide a two –digit number by 10 to create decimals with one decimal place
- Recognise and write decimal equivalents of any number of tenths e.g.  $1/10 = 0.1$ .
- Recognise and write decimal equivalents to  $\frac{1}{4}$ ;  $\frac{1}{2}$ ;  $\frac{3}{4}$ .
- Solve problems involving ordering numbers to one decimal place

### Shape and position and direction

- Understand that area is a measure of surface within a shape.
- Find the area of rectilinear shapes by counting squares.
- Describe movements between positions as translations of a given unit to the left/right and up/down.
- Describe positions on a 2-D grid as coordinates in the first quadrant.
- Plot specified points and draw sides to complete a given polygon.
- Complete a simple symmetric figure with respect to a specific line of symmetry
- Solve problem involving shape
- Solve problems involving position and /or direction

## English

- To decode unfamiliar words to help comprehension
- To read for a range of purposes.
- To discuss words & phrases that capture the imagination.
- To identify themes & conventions.
- To retrieve & record information. To make inferences & justify predictions.
- To recognise a variety of forms of poetry.
- To scan text and summarise ideas.

- To correctly spell common homophones.
- To increase regularity of handwriting.
- To plan writing based on familiar text.
- To organise writing into paragraphs.
- To use simple organisational devices.
- To proof read for spelling errors.
- To proof read for punctuation errors.
- To evaluate own and others' writing.

- To read own writing aloud to audience.
- To be a supportive and critical audience.
- To use a wider range of conjunctions.
- To use perfect tense appropriately.
- To select pronouns and nouns for clarity.
- To use & punctuate direct speech.
- To use commas after fronted adverbials.
- To articulate ideas and justify opinions.

<p><b>Music</b></p> <ul style="list-style-type: none"> <li>- To play and perform in solo and ensemble contexts, using their voices and playing musical instruments with increasing accuracy, fluency, control and expression.</li> <li>- To improvise and compose music for a range of purposes using the interrelated dimensions of music.</li> <li>- To listen with attention to detail and recall sounds with increasing aural memory.</li> </ul>	<p><b>Geography</b></p> <p>In this unit, the children will:</p> <p><b><u>-Describe and understand key aspects of physical geography in rivers</u></b></p> <ul style="list-style-type: none"> <li>-Learn about key topographical features (including coast and rivers) to understand how some of these aspects have changed over time.</li> <li>-Understand similarities and differences through the study of human and physical geography of a region of the United Kingdom (SW England) and a region in a European country (Costa Blanca, Spain).</li> <li>-Describe and understand key aspects of the human geography of coasts, including: types of settlement and land use, economic activity.</li> </ul>		<p><b>Computing</b></p> <p><b><u>Scratch Programming - Databases</u></b></p> <ul style="list-style-type: none"> <li>-To select, use and combine a variety of software to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information.</li> <li>-To choose from a variety of software to design and create a new cartoon character, adding a story or description along with other elements before deciding how to present their work.</li> <li>-Use appropriate software to design, create and present details.</li> </ul>
<p><b>RE</b></p> <p><b><u>Why do Christians call the day Jesus died 'Good Friday'?</u></b></p> <ul style="list-style-type: none"> <li>- Describe how Christians celebrate Holy Week and Easter Sunday.</li> <li>- Identify the most important parts of Easter for Christians and say why they are important.</li> <li>-Give simple definitions of some key Christian terms (e.g. gospel, incarnation, salvation) and illustrate them with events from Holy Week and Easter.</li> </ul>	<p><b>PSHE/Circle Time</b></p> <p><b><u>Going for Goals</u></b></p> <ul style="list-style-type: none"> <li>-To recognise their worth as individuals, by identifying positive things about themselves and their achievements, seeing their mistakes, making amends and setting personal goals.</li> <li>-To face new challenges positively.</li> <li>-To recognise the different risks in different situations and then decide how to behave responsibly.</li> <li>-To recognise that their actions affect themselves and others.</li> <li>-To care about other people's feelings, and to try to see things from their points of view.</li> </ul>	<p><b>Design and Technology</b></p> <p><b><u>Design a habitat for a small animal</u></b></p> <ul style="list-style-type: none"> <li>-To use research &amp; criteria to develop products which are fit for purpose.</li> <li>-To use annotated sketches and prototypes to explain ideas.</li> <li>-To evaluate existing products and improve own work.</li> </ul>	<p><b>Physical Education</b></p> <p><b><u>Gymnastics/Dance</u></b></p> <p>To develop flexibility, strength, technique, control and balance.</p>
<p><b>Art</b></p> <p><b><u>Wildlife Nature views</u></b></p> <ul style="list-style-type: none"> <li>-To create sketch books to record their observations and use them to review and revisit ideas.</li> <li>-To research wildlife natures views and create artwork.</li> <li>-To improve their mastery of art and design techniques, including drawing, painting and sculpture with a range of materials.</li> </ul>	<p><b>Modern Foreign Languages</b></p> <p><b><u>Holidays and hobbies</u></b></p> <ul style="list-style-type: none"> <li>-To broaden their vocabulary and develop their ability to understand new words that are introduced into familiar written material.</li> <li>-To read carefully and show understanding of words, phrases and simple writing.</li> <li>-To appreciate stories, songs, poems and rhymes in the language.</li> </ul>		<p><b>Science</b></p> <p><b><u>All Living Things</u></b></p> <ul style="list-style-type: none"> <li>-To recording findings using simple scientific language, drawings, labelled diagrams, keys, bar charts, and tables.</li> <li>-To report on findings from enquiries, including oral and written explanations, displays or presentations of results and conclusions in the context of making and investigating.</li> </ul>

