

Year 4 Planning Overview

Autumn Term 2018

Food Glorious Food



Literacy

This term Year 4 will have time each day to work on handwriting, spelling, punctuation and grammar tasks.

We will also complete weekly spelling tests and reading activities.

This term also sees the introduction of 'Literacy and Language'. This is a new approach that aims to inspire a love of literature through the study of complete texts.

Numeracy

Our number and place value objectives:

- I can count in multiples of 6, 7, 9, 25 and 1000.
- I can find 1000 more or less than a given number.
- I can count backwards through zero to include negative numbers.
- I can recognise the place value of each digit in a four-digit number (thousands, hundreds, tens, and ones).
- I can order and compare numbers beyond 1000.
- I can identify, represent and estimate numbers using different representations.
- I can round any number to the nearest 10, 100 or 1000.
- I can solve number and practical problems that involve all of the above and with increasingly large positive numbers.
- I can read Roman numerals to 100 (I to C).
- I can understand that that over time, the numeral system changed to include the concept of zero and place value.

Numeracy

Our **mathematical operations** objectives:

- I can add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate.
- I can estimate and use inverse operations to check answers to a calculation.
- I can solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why.
- I can recall multiplication and division facts for multiplication tables up to 12×12 .
- I can use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1; multiplying together three numbers.
- I can recognise and use factor pairs and commutativity in mental calculations.
- I can multiply two-digit and three-digit numbers by a one-digit number using formal written layout.
- I can solve problems involving multiplying and adding, including using the distributive law to multiply two digit numbers by one digit, integer scaling problems and harder correspondence problems such as n objects are connected to m objects.

Numeracy

Our **fractions** objectives:

- I can recognise and show, using diagrams, families of common equivalent fractions.
- I can count up and down in hundredths; recognise that hundredths arise when dividing an object by one hundred and dividing tenths by ten.
- I can solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions where the answer is a whole number.
- I can add and subtract fractions with the same denominator.
- I can recognise and write decimal equivalents of any number of tenths or hundredths.
- I can recognise and write decimal equivalents to a half, a quarter and three quarters.
- I can find the effect of dividing a one- or two-digit number by 10 and 100, identifying the value of the digits in the answer as ones, tenths and hundredths.
- I can round decimals with one decimal place to the nearest whole number.
- I can compare numbers with the same number of decimal places up to two decimal places.
- I can solve simple measure and money problems involving fractions and decimals to two decimal places.

Geography

Our objectives will be linked to this term's cross-curricular topic. Pupils will be:

- Recognising that the foods we eat come from all over the world, and investigating exactly where some of our foods come from.
- Exploring the crops grown in temperate climate zones, specifically wheat in North America.
- Exploring tropical climate zones and the kinds of crops that are grown there.
- Exploring how land use is being changed in tropical climate zones to produce more food, and considering the positive and negative effects of this.
- Exploring Mediterranean climate zones and the kinds of crops that are grown there.
- Investigating how land is used for both arable and pastoral farming in the UK.
- Understanding and describing the trade links that allow foods from around the world to be eaten in the UK.

Science

Our objectives will be linked to this term's cross-curricular topic.

- I can identify and classify carnivores, herbivores and omnivores.
- I can construct and interpret a variety of food chains.
- I can identify the different types of teeth in humans and identify their functions.
- I can explore different ways of keeping teeth healthy.
- I can investigate how the digestive system works.
- I can describe the functions of the basic parts of the digestive system.

Design and Technology

The class will be inspired by our 'Food Glorious Food' topic and will attempt to complete these challenges:

- I can cook using British ingredients available all year round.
- I can talk about how seasonal fruits in Britain are grown and processed.
- I can discuss why vegetables form an important part of a healthy and varied diet.
- I can find out about how seasonally produced meat can form part of a healthy diet.
- I can explain how fish are caught or reared, processed and used in healthy meals.
- I can show what you have learned about eating seasonal food as part of a healthy, varied diet.

Computing

Pupils will focus on areas such as word processing, digital media, researching using the internet and e-safety:

- I can evaluate a range of electronic multimedia, appropriate to task.
- With support, I can plan the structure and layout of a document/ presentation.
- I can select and import graphics from digital cameras, graphics packages and other sources and prepare it for processing using ICT. (e.g. cropping, resizing and editing).
- Through peer assessment and self evaluation, I can evaluate work both during and after completion, and make suitable improvements.
- I can begin to understand how images from different sources (stills, video, graphics, animation) are used to enhance a presentation or communicate an idea.
- I can use appropriate tools to save and retrieve information from the internet.
- I can begin to recognise that anyone can author on the internet and sometimes web content is inaccurate.

Religious Education

Objectives linked to term topic:

- I can find out about some of the rules surrounding food in different religions.
- I can explain about fasting in different world religions.
- I can discuss how food can be used in different religious festivals.
- I can explore the symbolism of foods associated with the Jewish festival of Passover.
- I can talk about the symbolism and significance of bread and wine in the Christian communion.

Understanding Christianity objectives:

- I am familiar with the Creation story and can explain the roles of Adam and Eve.
- I can explain how God gives guidelines on how to live (such as the Ten Commandments).
- I can describe what it is like to be a follower of God, and how followers demonstrate their belief in God.
- I can explain the significance of the Holy Trinity.

Spanish

- I can recall the introductory vocabulary they were introduced to last term.
- I can remember and use key vocabulary relating to food.
- I can begin to form simple sentences using basic phrases and present tense verbs.
- I can work with a partner to develop simple conversational dialogue, such as placing an order in a restaurant.
- I can understand how to form and respond to simple questions.
- I can listen attentively to spoken language and show understanding by joining in and responding.