

Maths

Addition and Subtraction

Fact families - addition and subtraction bonds to 20

Check calculations

Compare number sentences

Related facts.

Bonds to 100 (tens) and (tens and ones)

10 more and 10 less.

Add by making 10

Adding and subtracting 1s and 10s.

Addition

Adding a 2-digit and 1-digit number - not crossing ten

Adding a 2-digit and 1-digit number - crossing ten

Adding two 2-digit numbers crossing - not crossing ten

Adding two 2-digit numbers crossing - crossing ten

Adding three 1-digit numbers

Addition word problems

Subtraction

Subtract a 1-digit number from a 2-digit number

Subtract a 2-digit number from a 2-digit number crossing and not crossing ten.

Science

Investigating materials.

Think of a simple test to find an answer to a questions. Make predictions. Gather and record data to help answer questions.

Know how the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses is linked to their properties. Carry out experiment to pick a suitable material when designing their own chocolate wrapper and packaging - test different materials for flexibility, absorbence etc.

Year 2 Curriculum Overview

Autumn 2 - Fire and Ice

Geography

Know how to read and draw a simple map - look at maps of London from 1666 and today and make comparisons and recognise landmarks.

Name, locate and identify characteristics of the four countries and capital cities of the United Kingdom and its surrounding seas.

Use locational and directional language to describe the location of features and routes on a map - label landmarks of London on a map.

Use aerial photographs and plan perspectives to recognise landmarks and basic human and physical features - London.

Know the location of hot and cold areas of the world- compare continents and weather.

Know that seasons and weather differ in different part of the world - compare Antarctica to UK.

Design Technology

Technical Knowledge: Build structures, exploring how they can be made stronger, stiffer and more stable. - create the Tudor houses using paper, cardboard boxes, tape.

Know the types of materials that can be used for making products - Tudor houses.

English

Reading

Class novels, poetry (Autumn/Winter), retelling familiar stories (Vlad and the Great Fire of London) and non-fiction books -

The Gunpowder Plot, The Great Fire of London.

Guided reading sessions focusing on developing understanding, comprehension and prediction skills.

Develop pleasure in reading, motivation to read, vocabulary and understanding by listening to, discussing and expressing views about a wide range of stories.

Reciting and retelling familiar stories, fairy stories and traditional tales.

Writing

Retelling stories (Pie Corbett style), composing own ideas and writing adapted stories and texts -Vlad and The Great Fire of London. Diary entries, newspaper report - The Great Fire of London.

Descriptive language - describing settings, use of adjectives.

Poetry - reciting and performing poems, exploring rhyme and creating own Autumn/Winter and fire poems.

Punctuation- Use of capital letters, full stops, question marks and exclamation marks correctly in writing. Using commas in a list and capital letters for proper nouns.

Grammar - nouns, adjectives, suffixes, verbs and adverbs. past and present tense.

Handwriting -starting letters in the correct place, ascenders and descenders.

Spelling - Year 2 spelling rules - one rule as a focus each week - during spelling lesson and spellings to be sent home.

Non-fiction writing - Composing sentences, application of correct grammar and punctuation. Writing about real events from the past - The Gunpowder Plot, The Great Fire of London, The Journey to Antarctica.

PE

Invasion Games: Football

Throw objects accurately as part of a small team game. Call receivers name, pass to a team mate. Catch objects as part of a small team game. Move to receive object.

Change direction when travelling using pivoting. Move in different directions safely with speed (forwards, backwards, sidestep) when travelling quickly as part of a game, e.g. tails, stuck in the mud. I can maintain a safe space while working.

Develop and use simple tactics for attacking and defending within a game of 3 or 4. Know how to play fairly with others. Develop enjoyment of games, regardless of the outcome.

I can observe, describe and begin to explain the effects of physical activity on my body. I know that when I exercise my heart beats faster and this helps to keep me fit.

Striking and Fielding Games: Tennis and Cricket

Throw objects accurately as part of a small team game. Call receivers name, pass to a team mate. Catch objects as part of a small team game. Move to receive object.

Change direction when travelling using pivoting. Move in different directions safely with speed (forwards, backwards, sidestep) when travelling quickly as part of a game, e.g. tails, stuck in the mud. I can maintain a safe space while working.

Develop enjoyment of games, regardless of the outcome.

Dance

Perform dances using simple movement patterns. Know and perform some common dance moves with others.

Dance units - The Great Fire of London

Art and Design

How to mix shades of colour by adding other colours e.g. bluey green or yellowy green. (Children to mix and use their own paint to create firework pictures)

Oil pastel is resistant to water-how to create an **oil resist colour wash** to create background colour and colour and detail - background wash for Great Fire of London picture. (orange, red, yellow)

Silhouettes of buildings to go onto background colour.

Create a bonfire collage - sticks, leaves, flames.

RE -Celebrations

Recognising special times and religious celebrations - Poppy Day, Eid al-Fitr, Sukkot, Diwali and Christingle. Poppy Day -To begin to understand why people want to commemorate Remembrance Day.

To know that Eid al-Fitr is a Muslim celebration and understand some of the traditions associated with Eid. Sukkot - To learn the story of Sukkot and how religious teachings affect what people do.

PSHE

Celebrating Difference

Accept that everyone is different.

Include others when working and playing.

Know how to help if someone is being bullied.

Try to solve problems.

Try to use kind words.

Know how to give and receive compliments.

Values: Kindness

History

Know facts about significant people beyond living memory - Samuel Pepys (diary), Guy Fawkes, Robert Falcon-Scott discovering Antarctica.

Identify change over time - how places have changed, how life was different in the past and compare these periods. Compare London in 1666 to London today - similarities and differences.

Use maps, artefacts, stories from the past and pictures to find clues about the past - make simple deductions e.g. the bridges across the river and the buildings/roads/what houses are made of have changed.

Begin to order events in a historical story using dates -Great Fire of London and Gunpowder plot.

Computing

I can use technology to organise and present my ideas in different ways - use comic creator on Espresso to create their own comic strip. Choose a layout, background and pictures, adjusting size and moving onto comic strip.

I know that I can use the keyboard to create text and add symbols independently - add text onto comic by typing to write captions.

I know that I can use different programs to present my ideas and be creative - comic strip, paint program to create a bonfire night firework picture, Christmas winter scenes.

Music

Use their voices expressively and creatively by singing songs, chants and rhymes. - Great Fire of London - Out of the Ark.

Use their voices expressively and creatively by singing songs, chants and rhymes. - Y2 Singing - Christmas Songs - New Oscott Village

To know the qualities of a good listener.