



Autumn Term



Year 2



Maths

The children will be learning about:

- Counting forwards & backwards within 100
Using a 100 square
- Place value of numbers within 100
- Partitioning numbers
- Ordering and comparing numbers
- Writing numbers to 100 in words
- Counting in multiples of 2, 3, 5 and 10
- Number bonds to 10, 20 and 100
- Addition
- Subtraction
- Addition of 3 numbers
- Missing number problems
- Naming and describing 2D and 3D shapes
- Finding lines of symmetry

School Values

- Collaboration
- Respect



Homework

Every week children are expected to read at least 3 times.

Homework will be sent out twice termly and consist of projects or research to be completed over 2 weeks.

Science



The children will: Know that science is a way to understand our world by thinking about it and testing our predictions with observations and experiments.

They will study and answer key questions: What materials can be used to make a good ... e.g. boat?

- Know that objects are made from materials such as wood, plastic, glass, metal etc
- Know the properties of materials
- Know that applying forces to objects can change their shape e.g., by squeezing, stretching, bending and twisting
- Test the suitability of materials and make comparisons
- Use scientific equipment
- Find out about the engineer Charles Mackintosh

Is everything on Earth alive?

- Know some examples of plants
- Name the different animal groups, their features and give examples
- Know what herbivores, carnivores and omnivores animals eat
- Know the features and basic features of living things
- Know the difference between things that are living, that are dead and that have never been alive
- Find out about zoologist Jane Goodall
- Use correct scientific vocabulary



English

The children will be learning about:



- Phonics - recap of all phases
- Performing, role playing, listening to traditional tales and new stories
- Story writing - including using story language and writing narratives
- Different non-fiction genres - Instructions, Information page, Letter Writing and Poetry
- Understanding the features of each genre and writing their own example

Spelling, Punctuation and Grammar:

- Types of sentences (statements, questions, exclamations and commands)
- Parts of speech - nouns (proper and common), adjectives, verbs, adverbs (of time)
- Expanded noun phrases
- Punctuation - question marks, exclamation marks, commas (for lists and descriptions)
- Tense - past and present
- Suffix - adding -ed
- Subordination - using 'when, if, that, because'
- Spell numbers to 100
- Spell common exception words
- Spell the days of the week

Reading:

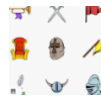
- Children will read and be read to daily
- They will read accurately with fluency and expression
- New vocabulary will be discussed
- Children will infer meaning and answer questions
- Children will read, perform and listen to a range of poems every week

History

Key question:

How was school different in the past?

- Order photographs on a timeline
- Use sources to research and develop an understanding of what schools were like 100 years ago
- Ask a visitor questions about schools in the past
- Identify features of a classroom now and a classroom from 100 years ago
- Recognise similarities and differences between schools now and schools in the past
- Write an information page
- State whether they would have preferred to go to school in the past or not and explain why
- Learn about Remembrance Day



Religious Education

- Sikhism - special objects, symbols and places. Understanding what happens in a Gurdwara - Sikh values, Guru Nanak and morals of stories
- Visit to a Gurdwara
- Islam - 5 Pillars of Islam, special objects, symbols and places. Celebrations, stories and their teachings
- Virtual tour of a mosque



Design and Technology

- Cooking and nutrition
- What is a balanced diet?
- Food groups
- Preparing ingredients
- Taste testing ingredients
- Plan, create and taste a recipe



British Values

- Individual liberty
- Democracy
- Mutual respect and tolerance of those with different faiths and beliefs
- Rule of law



Special events/visitors/trips

- History visitor
- Black history month
- National poetry day
- Trip to Gurdwara
- Trip to Church
- Trip to the Library
- Book Fair
- Diwali
- Harvest Festival and visitor
- Reading workshop
- Remembrance Day
- Children in Need
- Anti-Bullying Week
- Christmas disco
- Christmas celebration with parents



Computing

- E Safety - personal information and passwords
- Algorithms - predictions, logical reasoning
- Coding - writing a simple program & debugging errors in code



Geography

Key question: Would you prefer to live in a hot or a cold place?

- Name and locate the seven continents on a world map
- Locate the North and South Poles on a world map
- Locate the equator on a world map
- Recognise the features of hot and cold places
- Locate some countries with hot or cold climates on a world map
- Describe some similarities and differences between hot and cold places

PE

- Fundamental skills - run, jump, hop, skip, speed, agility, dodge, balance, safety
- Ball skills - roll, track, dribble with feet, kick, throw, catch, dribble with hands
- Dance - actions, dynamics, space, relationships



Music

- Listen and appraise a South African song
- Explore pulse, rhythm and pitch
- Sing
- Play instruments



Art

- Explore and apply skills using clay
- Design and make a house tile
- Evaluate and improve work
- Make and decorate a pinch pot to sell for Diwali

