



Nature Detectives



Get your magnifying glasses ready and come and explore the wonderful natural world around you. Expect to find a creepy crawly or two!

English:

In English, the children will use their creativity and imagination to write a story based on the book, 'The Bee and Me.' They will have the opportunity to create fact files all about bees. The children will also be reflecting on their residential trip to Lincolnsfield and Barnet Environmental Centre and writing recounts.

Spelling Shed:

The children will be learning:

- Homophones
- Near homophones
- Words ending in '-tion'
- Words with an apostrophe for contraction
- Words with an apostrophe for possession.

Scientists: Living Things & their Habitats

The children will be looking at living things and their habitats. They will look at the differences between things that are living, dead or have never been alive. Children will identify some of the plants and animals they will find in familiar habitats. They will also describe the conditions in a habitat and how these are suited to different animals and plants. The children will also order living things in a food chain.

The children will be visiting Barnet Environmental Centre.

STEM (science, technology, engineering and mathematics) week also takes place this half term with a focus on plants. The children will be taking part in The Power of Plants drama workshop.

Design & Technology: Textiles

The children will design, make and evaluate fabric insect puppets. They will learn about different fabrics, explore and become familiar with the names of different fabrics and learn how to choose and manipulate fabrics to create different effects. They will use and apply their previous knowledge about joining fabrics in a variety of ways using techniques such as sewing, stapling and gluing. Running stitch will be revisited.

Geography: Mapping Skills

The children will develop key map skills and explore a range of maps at a local, national and global level. They will devise routes and maps and using simple symbols. Use and compass directions. Identify human and physical features of the local area (Hampstead Garden Suburb and Lincolnsfield).

PE:

Indoor: Team Building

Outdoor: Striking & Fielding
Sports Day

The children will also be taking part in lots of outdoor activities when they are on their Year 2 residential trip.

Music: Mixed Styles including Orchestral

In Music, they will listen to different styles of music including orchestral music and revise their knowledge of the four families of instruments in the orchestra – Brass, Woodwind, Strings and Percussion. They will practise improvising tunes and learn how to notate rhythms. They will prepare for performing their end of year show, learning to sing new songs and playing a range of percussive instruments musically.



Maths:

Statistics

- Introduced to statistics and different representations of data for the first time.
- Use tally charts to systematically record data and tallies are used to show a group of 5.
- Explore the use of simple tables. Some of these include tallies, but others just show the totals.
- Compare tally charts and tables and think about when it is more efficient to use each one.
- Think about what the data represents and draw pictures to match the information shown in a table, or use a picture to create a table. Begin to compare and answer questions about the data shown.
- Introduced to block diagrams as a way of representing data.
- Explore block diagrams where each block represents one item and identify simple information from it, for example using the heights/lengths of the bars to identify the most/least popular items.
- Create own block diagrams, firstly using concrete resources such as cubes or sticky notes, and then by drawing on paper. Explain that block diagrams can be shown vertically or horizontally.
- Introduced to pictograms as a way of representing data where each symbol represents one item. Progress onto drawing pictograms where the symbols represent 2, 5 or 10 items.
- Ask and answer questions about totalling and comparing data.

Geometry: Position and Direction

- Use the language of position - describe the position of objects using left and right. Then other language to describe position, such as above, below and between.
- Use understanding of position to describe movement e.g., up, down, left and right as they look at it on a page. Move on to begin to think about describing movement using forwards and backwards.
- Start to describe turns and learn about quarter, half, three-quarter and full turns, as well as using clockwise and anticlockwise.

PSHE: Changing Me

The children will be thinking about the changes that occur between baby, toddler, child, teenager, adult and old -age. Within this, children also discuss how independence, freedom and responsibility can increase with age. Change is taught as a natural and normal part of growing up and the range of emotions that can occur with change are explored and discussed. They will practise a range of strategies for managing feelings and emotions. They will be getting ready for Year 3 and taking part in lots of activities in the Junior school and making Year 5 buddies.

Brookland Value: Tolerance

Computing: Programming & Computer Science.

In Computing, the children will be continuing to learn that computers are controlled by instructions and these are called algorithms. They will be learning how important algorithms are for computers to work correctly. They will be learning how to control a floor robot and make it move. They will also be recording their algorithms using symbols and words. They will be developing their computational thinking skills through creating and debugging simple computer programs.

RE: Where do some people talk to God?

The children will learn that there are difference places of worship for different religious groups. They will understand that people go to a place of worship to pray and learn more about their religion and that often people go to places of worship to feel closer to God and to feel a sense of belonging.

Religions: Christian, Jewish, Muslim, Sikh.