



Our main topic this half term in Nursery is

# Sunshine and Sunflowers

We will be finding out about exploring our local environment and see how it changes throughout the year. We will grow flowers, fruit and vegetables in the garden area. We will learn how to care for plants and animals, identifying some different types. We will take part in outdoor learning activities and find out how to stay safe in the sun.

### Sticky Knowledge

- The five senses are sight, hearing, touch, taste and smell.
- A habitat is a place where living things live. Living things, including plants and animals, live in the local environment.
- Plants and trees are living things.
- Plants need air, sunlight, warmth, water and nutrients from soil to grow.
- A butterfly is a type of insect.
- Butterflies lay eggs on plants. Caterpillars hatch from the eggs.
- Caterpillars eat until they are fully grown, then they become a pupa.
- A caterpillar pupa is called a chrysalis.
- A butterfly emerges from a chrysalis.
- Butterflies have wings, legs antennae and a rolled-up tongue for drinking nectar.
- Wearing sunscreen, a hat and sunglasses can protect the skin and eyes from sun damage.

### Books we will be reading:

- Sun - Carol Thompson
- How does a butterfly grow? By RHS
- Shark in the Park - Nick Sharrat
- Errols Garden - Gillian Hibbs
- I can grow a sunflower - RHS
- The Tiny Seed - Eric Carle
- My Butterfly Bouquet - Nicola Davies
- The Very Hungry Caterpillar - Eric Carle
- Jump and Shout! Mike Dumbleton
- Summer is Here! by Heidi Pross-Gray

### Useful Websites

- [Get in the garden with CBeebies! - CBeebies - BBC](#)
- [Grow together at home! - CBeebies - BBC](#)
- [Minibeast Spotter - CBeebies - BBC](#)
- [How to make a simple butterfly feeder | Natural History Museum \(nhm.ac.uk\)](#)
- [The butterfly life cycle! - National Geographic Kids \(natgeokids.com\)](#)

### Maths

- Count to five forwards and backwards, saying one number for each item in order.
- Numbers have an order that they follow. Each number is one more than the previous number.
- Numbers to 5 can be made in different ways but the total is the same each time.
- Identify and represent up to three objects, without counting, using concrete objects and pictorial representation.
- Link numerals and amounts, showing the right number of fingers or objects to match numerals up to 5.
- The last number reached when counting, tells you how many there are in total.
- Link numerals and amounts, showing the right number of fingers or objects to match numerals up to five.
- Recite numbers, in order, past 5.

### Literacy

- Count or clap syllables in a word.
- Engage in conversations about stories and explore the meanings of new words that they hear in stories, rhymes and poems.
- Engage in extended conversations about stories and, with support, make links to other familiar stories.
- Recognise familiar words and signs, such as their own name and advertising signs.
- Recognise words that start with the same initial sound.
- Express their ideas and feelings using sentences, containing four to six words, articulating most sounds and simple words. Use of tenses and plurals may be irregular.

### Supporting your child at home

- Grow some quick growing plants together, such as salad leaves, radishes or cress.
- Plan and go on a picnic.
- Go on a local walk and talk about the changes that have happened to living things throughout the year.
- Share and discuss the [Did you know?](#) resource.

For our memorable experience we will be going for a walk to Central Park in the morning of **Wednesday 26<sup>th</sup> April**. We will be looking for mini-beast, flowers and signs of Spring.



Our mini topic this half term in Nursery is

# Shadows and Reflections

We will learn about natural phenomena, including shadows, reflections and echoes. We will find out how shadows are formed and how they change shape and size through the day. We will explore how different materials and surfaces reflect light.

## Sticky Knowledge

- Objects are made from different materials.
- Everyday materials include plastic, wood and glass.
- Different materials have different properties and can be used for different purposes.
- We can see our reflections in mirrors and other shiny surfaces.
- Reflections happen when light hits a smooth, shiny surface and it bounces back.
- Shadows are made on sunny days.
- Shadows can be big or small and can change shape and size.
- A shadow is a dark shape that can be seen on a surface like a floor or wall.
- Shadows are made when an object blocks light.

## Useful Websites

- [Friendly Shadows - CBeebies - BBC](#)
- [Sheena's Shadow - CBeebies - BBC](#)
- [What is light? - BBC Bitesize](#)

## Books we will be reading:

- Foggy Foggy Forest - Nick Sharrat
- Through the Magic Mirror - Anthony Browne
- Kipper's Monster - Mick Inkpen
- Night Monkey, Day Monkey - Julia Donaldson

## Maths

- Use and understand positional language.
- Positional language includes in, under, inside, behind, and on top.
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## Literacy

- Talk about the pictures in story books.
- Talk about stories that have been read to them and retell them through role play and small world play.
- Ask or answer a simple scientific question.
- Identify and suggest rhymes and join in with rhyming games.
- Extend their vocabulary by exploring and using a wide range of new words.
- Use writing to support their play.

## Supporting your child at home

- Find objects from around the house in which you can see your reflection.
- Draw around shadows outside and see how the shape and size of the shadow changes through the day.
- Explore places to hear echoes, such as in tunnels, under bridges and in large open-plan rooms.
- Share and discuss the [Did you know?](#) resource.