

# Light and Dark

## Year 1 – Term 2

### Science

- Understand that the day length changes each day and varies from season to season
- Show their understanding, and ability to use their observations, by devising their own weather forecasts
- Learn about the weather for the season and consider if the weather they are expecting is typical
- Understand more about the different seasons of the year, including the current season
- Explore shadows and how they change during the day
- Consider what life would be like if the sun didn't rise and create daylight
- Talk about rain and how it affects our lives
- Use the scientific vocabulary: weather, rainfall, precipitation, data
- Understand that warm and cold weather, including snow, can be specific to different

### Religious Education

- Know that the story recalled at Diwali is set in India, a hot country where the forest contains plants and creatures very different from those in the UK
- Know the story of Rama and Sita as told at Diwali and written in a special book called the Ramayana
- Know some ways that Hindus celebrate Diwali, including sending cards
- Know some Hindu symbols associated with this festival and with deities;
- Consider ways that members of different cultures welcome people
- Consider ways that people are welcomed into school or home and know that hospitality is important to Hindus
- Know how Hindus might worship in their homes or the Temple at Diwali
- Know that Arti is a welcoming ceremony and recognise some artefacts used during Arti / puja

### Knowledge and Understanding

- Learn that there are many sources of light
- Learn that light sources vary in brightness
- Observe and make comparisons of sources of light
- Learn about nocturnal animals
- Explore different festivals of light
- Share firework safety tips

### Mathematical Development

- Solve missing number problems and +/- problems in number stories related to festivals of light
- Tell the time to the hour on analogue and digital clocks (relate to seasonal changes with the sun setting earlier)
- Use the language of time including days, months, earlier, later, yesterday, minutes, hours, days, weeks and years

### Communication, Language and Literacy

- Write poems about Bonfire Night and fireworks
- Re-tell the Diwali story with the main characters of Rama and Sita
- Research nocturnal animals and present information factfiles

### Personal, Social & Emotional Development

- Recall festivals and celebrations that pupils have enjoyed
- Understand that some festivals are special to particular religions
- Know ways that people celebrate, e.g. sharing food, sending cards and telling stories
- Know that Diwali is a new year festival and that Lakshmi and Ganesh are also worshipped at Diwali.

### Creative Development

- Make Rangoli patterns with coloured salt
- Create beautiful Diya lights
- Create firework art - Rockets and Catherine wheels twirling and whirling in the sky.
- Create a nocturnal animals collage

- Explore Diwali through dance (BBC Lets Move)
- Explore Seasons through dance (BBC Lets Move)
- Explore Bonfire Night through dance (BBC Lets Move)
- Work together to complete team-based challenges

### Physical Development

- Ball skills – Throwing, catching and kicking
- Perform basic techniques of catching and throwing to a good level when moving and standing still.
- Understand the need for warm up and cool down.
- Work increasing cooperatively with others.
- Recognise that different tasks make our bodies work in different ways.

### Maths

- Recognise the + and – and = signs, and use these to read and write simple additions and subtractions
- Add small numbers by counting on
- Solve addition problems in number stories
- Know number bonds to 10
- Add small numbers by counting on; subtract small numbers by counting back
- Begin to be aware of unit patterns
- Sequence events in chronological order
- Recognise line symmetry and create symmetrical patterns
- Name and describe common 2-D shapes; recognise the difference between 2-D and 3-D shapes
- Name and describe common 3-D shapes
- Recognise and know the value of different denominations of coins and notes

### Literacy

- Sort books according to whether they are fiction/ non-fiction
- Ask questions about nocturnal animals
- Spell names of animals correctly using letter names
- Understand difference between a label and a caption
- Write labels/ captions, correctly punctuated
- Present information about a chosen animal orally, working as part of a group
- Speak clearly and audibly in front of an audience
- Identify features of non-fiction texts
- Accurately read words of one or more syllables, sounding out carefully
- Understand how to find information in a non-fiction book
- Collect facts about owls from teacher's reading of non-fiction book
- Write sentences as an introduction to their own books about owls
- Compose a sentence orally before writing it
- Re-read writing to check it makes sense
- Write informative sentences
- Identify questions and understand that they are demarcated with question marks
- Write several questions to form a blurb for their own

### Music

- To sing in tune.
- Perform and accompany simple rhythmic patterns.
- Read and perform simple rhythms
- Increase understanding of pitch.

### Computing

- Using Purple Mash (coding)
- Using Busy Things (LGFL)
- Keeping personal information safe (e-safety)