

# Summaries

## Science

- Explore the difference between light and dark.
- Investigate light sources, reflections and mirrors.
- Carry out practical enquiries and shadow challenges, exploring change in size and shape and looking for patterns in results.
- Use equipment responsibly, measure accurately and record results using drawings, tables and diagrams. Interpret results and draw simple conclusions.
- Consider the dangers of the sun and how we can protect ourselves and research answers to scientific questions.
- Complete a mini project about a light phenomenon.

## Art and Design

- Looking differently - developing visual literacy.
- Mirror reflection.
- Create shadow puppets and perform a story.

## Applied Computing

- Pupils create their own patterns using a graphics package of your choice.

## Shadow Dancers

## Geography

- Identify positions, names and significance of lines on a globe or world map.
- Find out about day, night and seasons in different places in the world.
- Explore the earth's tilt and effects of it spinning and travelling around the sun.
- Investigate world time and time zones.
- Plan a route across the world using current geographical vocabulary.

## Applied Maths

- Pupils explore measurement in relation to shadows and begin to notice the effect of proportional change.
- They consider the relationship between different clapping patterns, again noticing the effect of proportion in halving and doubling.
- They also consider time in the context of time zones.

## Music

- Call and response activities (reflecting back rhythms and songs).
- Explore and experiment with major and minor melodies.
- Create and perform light themed melodies.

## Languages

- In this Unit pupils discover the wonder of shadow theatre and learn what is required to create shadow puppet images with a view to performing their own.
- They learn the French for the materials required to make a shadow theatre. They identify possible light sources to make shadows and attempt to read and write them.
- They follow instructions in French to make a shadow puppet and create simple shadow puppet dialogues.
- They will learn the French for the four seasons when the sun's position in the sky creates different lengths of shadows and also learn to name some animals regularly used in the telling of Chinese shadow theatre stories.
- In grammar the pupils are introduced to the concept of how to make a sentence negative in French using **ne...pas** or **n'...pas**. The phonic focus is on the silent **x** on the end of plural nouns – **le matériel** to **les matériaux**.

## English

- Read, write and perform poetry - rhyming and free verse (with themes of light, dark, shadows, sun or happiness).
- Practise oral and written instructions and evaluate for effectiveness.
- Write instructions for making a shadow puppets/theatre.
- Recount stories in a different person and write a news report.
- Write dialogue.
- Read simple scripts and familiarise themselves with layout and written conventions.
- Write and perform scripts.

