

## Literacy

Playscripts including monologues.

*The Elephant in the room: Michael Morpogo*

To write a new scene for the play, including a monologue for a new character I have created.

Persuasive texts

To write a persuasive presentation about whether 'Memoraid' should or should not be used in schools. Techniques of persuasion.

Evaluation skills being developed. Role play and speaking and listening, presenting to the class.

Grammar:

Using punctuation correctly for effect, e.g. exclamation marks, question marks. Appropriate use of a comma and colon.

Spelling rules,

Authors and Texts

Study of an author and how their voice develops through their writing style. Looking at common themes and tools. The use of a narrator, of first person and third person writing. How viewpoints can develop. Interpretation of text. Reading skills.

## Mathematics

Primes, squares, factors and their relationships.

Rounding decimals and whole numbers, estimating and working in a practical context given in measures and money value.

Fractions and decimals as equivalents, solving problems with denominators with multiples of 10 and 25. Confidence in decimal notation

Answers problems using all 4 operations and multi-step problems including scaling and fractions.

Mental skills of multiplication; multiplying three numbers together. Long division and long multiplication.

Describing translations in quadrants, completing polygons by plotting points. Area and perimeter of 3D shapes.

**Year6: Algebra, formulae for more complicated shape area. Unit conversion**

### Spring Term 1

### **Wonderful Weather**



## Science

Properties and changes to materials. Compare and group by properties of materials. Understand dissolving, and recovering from a solution; Separating mixtures using scientific processes; Reversible and irreversible changes.

Study of a scientist's work that has resulted in compound chemical developments.

### ICT

We are meteorologists. This unit will explore data collection, charts, maps and graphs. They will understand different measurement techniques, use a computer to log data and create charts using spreadsheets. Explore data, highlight inconsistencies and make predictions.

### PE

Working with Chelsea FC Foundation.  
Aerobics

### Music.

From body-popping and gospel-singing skeletons to swimming and cycling, children are taken through their paces and put together a performance using new musical techniques.

### French N

Vocabulary about the four seasons, and activities that might be done during these times of year. Pupils will also learn how to say the date. The unit rounds off with some useful arts and crafts vocabulary, and instructions in French for how to make a lantern for Chinese New Year.

## Topic

Air masses, how is the temperature taken using a standard thermometer. Understanding how temperature is different across the world

Winds and the use of the Beaufort scale; how heat generates currents, and learning the name and positions of world winds; Cloud formation and different types.

Extreme weathers, Thunderstorms, tornadoes and other natural disasters caused by the power of nature.

Weather in history, how man has observed weather over time and major developments if observations.

Changing currents and climates across the world, graph creating, (mathematics link).

## Art

Making a weather vane and a barometer  
Mobil of cloud formations Working with mixed media paintings. Watercolour mixing and developing a wash. Developing own artistic flare and ideas through topic inspiration.  
Looking at the work of Turner, copying techniques.

## Educational Visits

Winchester Science Museum

