

## **MATHEMATICS**

### **Numbers & The Number System:**

Deriving division facts corresponding to tables up to 10x10.  
Identifying squares of numbers, doubles of two digit decimal numbers.

Finding the difference between positive and negative integers.  
Understanding the relationship between the four operations.  
Using brackets. Ordering fractions using decimal notation for tenths and hundredths.

### **Calculations:**

Checking results using inverse operations and an equivalent calculation. Extending written methods to include short and long multiplication/division

### **Solving Problems:**

Identifying and using appropriate operations to solve word problems including money explaining methods and reasoning

### **Shape, Space & Measures:**

Using reading and writing standard units for measuring length and area. Visualising and describing properties of solid shapes.

### **Data Handling:**

Interpret and analyse graphs and tables.

## **INFORMATION AND COMMUNICATION TECHNOLOGY**

Using computers to support revision and exploring a range of websites such as, [www.bbc.co.uk/schools/revisewise](http://www.bbc.co.uk/schools/revisewise) Continue to develop word processing skills such as typing formal letters and making their own PowerPoint presentation to support their learning.

## **PE**

Gymnastics - Creating, refining and evaluating sequences of movement around the theme of flight. Developing jumping and safe landing techniques

Athletics - Improving techniques for running, throwing and jumping events and applying them to given events.

## **MUSIC**

Developing ability to take part in a class performance using voice and instruments. Rehearsing and exploring musical and performances. Extending knowledge and understanding of notation and rhythm.

## **RELIGIOUS EDUCATION**

Understanding how and why those with a strong faith find comfort in religion during times of adversity.



**MARLBOROUGH PRIMARY & NURSERY SCHOOL**

# **YEAR 6**

## **CURRICULUM OUTLINE**

### **SPRING TERM 2009**

## **ENGLISH and HUMANITIES**

### **Phonics, Spelling & Vocabulary:**

Identifying and correcting mis-spelt words in own writing  
.Identifying letter strings and other critical information to check spelling.

### **Grammar & Punctuation Comprehension & Composition:**

This term your child will be studying the topic 'Britain since 1930'. We will be reading, analyzing and interpreting a variety of texts, extracts and footage surrounding this topic. Children will be developing the skills of inference and deduction (understanding the deeper meaning of text) from the texts chosen.

### **Styles of writing:**

Discussion, Letters (formal/informal), Poetry, Narrative reading and writing, Explanation, Persuasion, Invitations and Recounts.

### **Geography and History:**

Exploring Britain since 1930 and the events surrounding this era, including World War II. Children will gain an understanding of how WWII affected countries around the world, as well as their local area.

## **ART/DESIGN TECHNOLOGY**

Working with a variety of different art media and studying artists with links to the theme Britain since 1930. Designing and making models of Anderson shelters and gas masks.

## **FRENCH:**

Revisiting vocabulary for family members and animals.  
Developing question and answers e.g. As-tu un animal?  
J'aime/pas les chiens etc. Recognising and reading days of the week and months. Understanding and using Quelle est la date aujourd'hui? Continuing to apply numbers up to 20, learn numbers up to 100 and introduce concept of Euros.

## **SCIENCE**

### **Experimental & Investigative Science:**

Separating mixtures of materials using given resources.  
Creating and interpreting graphs as a tool to understand the scientific data collected as part of the experimental and investigative process.

### **Materials & Their Properties:**

Classifying materials in terms of their properties (origin, permeability, strength, solubility, flexibility, thermal and electrical conductivity, thermal and electrical conductivity)  
Exploring the differences between solids, liquids and gases.  
Changing the state of materials by dissolving, melting, boiling, condensing, freezing and evaporating.

Exploring reversible and irreversible change.

The water cycle

### **Physical Processes:**

Exploring light sources and the way light travels, reflection and the formation of shadows.

Understanding how the frequency of vibration effects the pitch and loudness of sound.

Forces and motions - magnets, gravity

Earth and Beyond - the moon, seasons, night and day.

### **Life Processes and Living Things:**

Identifying the seven life processes in all plants and animals.

Habitats and food chains, adaptation.

Reproduction (plants and humans).

Variation and classification (using keys)

### **Revision for National Curriculum Tests.**

Throughout this term your child will get homework for Science.

This homework will be past test papers and questions.

## **PSCHE (Personal, Social, Citizenship & Health education)**

Developing social and emotional aspects of learning through the theme of 'saying no to bullying.' Focussing on why people might bully, the impact on the victim and our role in helping to prevent it.

## **HOMEWORK**

| Mon | Tues                   | Weds | Thurs                 | Fri |
|-----|------------------------|------|-----------------------|-----|
|     | Spellings<br>& Science |      | Literacy/<br>Numeracy |     |

- Please ensure your child reads at home **everyday**.
- Spelling test will be on Thursday.
- Homework should be handed in on Monday morning.
- **Science homework will be set on Tuesday, due for the following Tuesday (not every week).**