

### **Maths**

Children will revisit the year 6 curriculum through lots of project based work

### **Science– light theory**

Children will learn about light and how it travels from light sources to our eyes

### **Computing**

Online safety  
Web design-Binary

### **RSHE**

Changing Me – Exploring changes  
Transition to secondary school

### **PE**

Outdoor: Athletics  
Indoor: Dance – Why Bully Me?  
spatial awareness, rhythm, step count, sequencing, choreography

### **Metacognition– how was that effective?**

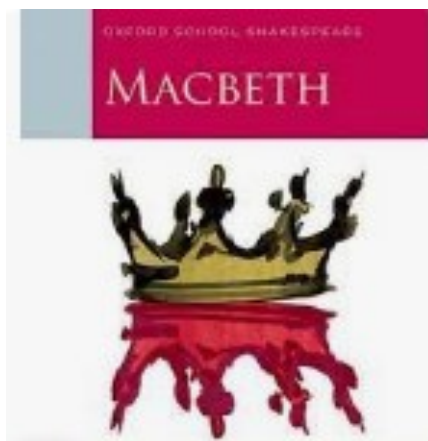
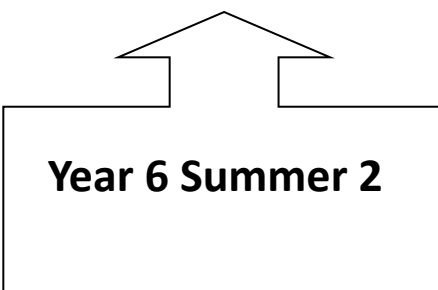
Children will reflect on their own learning and processes, considering what made it effective.

### **Geography**

How can I find my way without a phone?  
Ordinance survey maps, human and physical features in the local area.

**Big issue:** How did World War 2 effect us?

**Text:** Macbeth by William Shakespeare



### **English**

The children will build their knowledge of the historical context of the play 'Macbeth'. writing formal and informal pieces of writing including a monologue, letters and narratives. They will develop their understanding of the setting and characters through debates, role play and discussions. They will write for a range of audiences.

### **History– how did WW2 effect us?**

Children will learn about the causes, effects and consequences of the second world war.

### **Music**

Developing keyboard skills through learning musical notation

### **RE**

The children will explore how religion can help people when life gets hard.

### **French**

Children will learn words and phrases to describe sports.

### **Design and Technology**

Mechanisms  
Product: A moving toy

**Educational visits:** Imperial War Museum and Southend

## Ways in which you can support your child at home...

Below is a list of activities available on the websites we subscribe to as a school, for which your child has their own login and password. These activities have been selected for your child to complete this half term, as they support learning in class. There are also some other helpful websites which can be accessed for free.

<https://www.bbc.co.uk/bitesize/topics/z3nnb9q/articles/zrs62v4>

Maths at home

[MathsBot.com - Tools for Maths Teachers](#)

Mymaths- [www.mymaths.co.uk](http://www.mymaths.co.uk)

Maths arithmetic practice

TT Rockstars

Children have access to times tables challenges to support fluency in multiplication and division facts.

<http://mitrw.lgfl.org.uk/index.html>

Purple Mash

Here are some suggestions that link with topics for this half term.

<https://www.purplemash.com/#tab/pm-home/science>

Spag.com

There will be weekly quizzes set on spag.com which is good revision of spelling, grammar and punctuation previously taught.

BBC Bitesize

[Grammar, punctuation and spelling - Year 6 KS2 English - BBC Bitesize](#)

### Places to visit as a family:

To support your child's learning this half term, why not consider taking a trip to the British museum or Redbridge Library to support their learning about World War 2.

### Reading

In Year 6, we expect the children to read for at least 30 minutes every day. Children should change their reading book when they have finished reading it and should ensure that they sign their reading record daily. To enable the children to read a wider range of books, we shall be visiting Goodmayes Library.

# Summer 2

This half term, the children should consolidate previously taught facts and apply them to a range of problems.

Year 6	
Autumn 1	To know two decimal place complements to 1.
Autumn 2	To use multiplication and division facts to derive multiples to the power of 10. e.g. $30 \times 900$ or $8100/90$ .
Spring 1	To convert between different units of metric measure [for example, kilometre and metre; centimetre and metre; centimetre and millimetre; gram and kilogram; litre and millilitre].
Spring 2	To know the decimal and percentage equivalents of the fractions $\frac{1}{2}$ , $\frac{1}{4}$ , $\frac{3}{4}$ , $\frac{1}{3}$ , $\frac{2}{3}$ , tenths and fifths.
Summer 1	To know the doubles and halves of all multiples of 100 to 10,000 To know the square roots of square numbers to $15 \times 15$
Summer 2	To consolidate all KIRFs.

Maths Mastery Decimal Place Value

George writes some decimal numbers:

0.38   2.05   12.9   8.52

He asks, "What numbers are multiplied by 10 to give the answers above?"

Then he asks, "What numbers are divided by 10 to give the answers above?"


Work with a partner to repeat this exercise.

Please encourage children to log in to Times Table Rockstars to practise their times tables. They should aim for 5-10 minutes.

Hit the button  
[Hit the Button - Quick fire maths practise for 6-11 year olds \(topmarks.co.uk\)](#)

- The sum of two square numbers is 25. What are the square numbers?  
\_\_\_\_\_
- The sum of three square numbers less than 144 is another square number. What are the square numbers?  
\_\_\_\_\_
- A, B and C are different square numbers less than 144. Can you find eight solutions to make this statement true?  
\_\_\_\_\_

$A + B > B - C$



Sam's pond contains 32 000ml of water. Kevin's pond holds 43.5l of water. How much more does Kevin's pond hold? Answer in litres.

