

Maths - measures and algebra

The children will develop their understanding of area and perimeter using their knowledge of the four operations. They will also learn about volume as well as converting between different units of measure. Children will learn about algebra and how to apply their understanding to different contexts. They will also develop their problem solving skills.

Science - evolution and inheritance

Children will learn how living things on Earth have changed over time and how fossils provide evidence for this. They learn how characteristics are passed from parents to their offspring and how variation in offspring can affect their survival, with changes (adaptations) possibly leading to the evolution of a species.

Computing – web design

Children will use tools to create their own web page. They will also continue to explore themes around keeping safe online.

RSHE

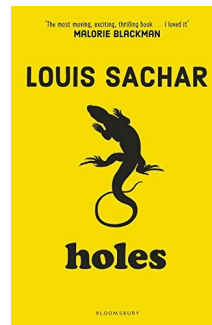
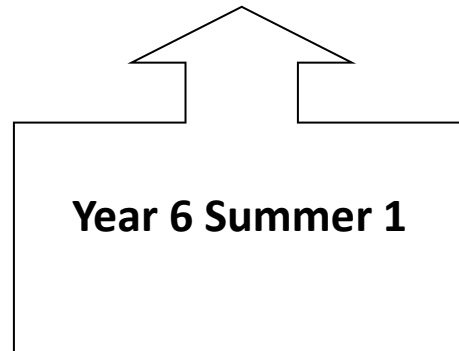
Changing me – Exploring changes
Transition to secondary school.

PE

Outdoor: athletics
Indoor: dance

Big issue: How did WW2 effect us?

Text: Holes by Louis Sachar



English

The children will be writing formal and informal pieces of writing including a balanced argument, 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

Composing & performing
(Leavers' song)

RE

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

French

Children will learn words and phrases to describe sports .

DT

Mechanisms
Product: Vehicles using Crumble controller

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](#)

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 Imperial War Museum or Redbridge library to support their learning about WW2.

Reading

In Year 6, we expect the children to read for at least 30 minutes six times a week. Children should change their reading book when they have finished reading it and should ensure that they sign their reading record daily.

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. 30×900 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 15×15
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.

