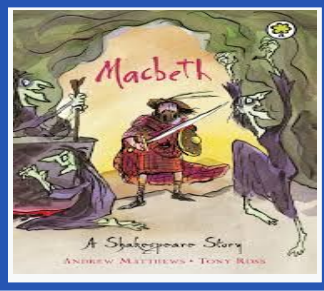


# Year 6 Spring 1 Newsletter



Enabling all children to learn and grow

Year 6 are looking forward to developing our learning on percentages, light and the Galapagos Islands . We can't quite believe that we are already in our second term of Year 6!



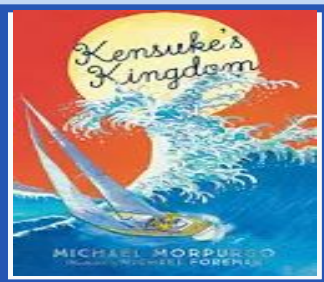
## Writing

Our texts will be: Macbeth (continued) and Kensuke's Kingdom by Michael Morpurgo

Our writing outcomes will be: Newspaper report, informal letter and a character description.

### Key Knowledge:

- write for a range of audiences and purposes
- use dashes, colons and semicolons
- use cohesive devices to make our writing flow
- use commas accurately
- use a range of figurative language
- use the active and passive voice



## Maths

### Key Knowledge:

**Week 1:** decimal, fraction and percentage equivalence

**Week 2:** percentages of amounts

**Week 3:** mock SATs

**Week 4:** converting units of measurement

**Week 5:** area of triangles

**Week 6:** area of parallelograms and volume of 3D shapes

## Maths Vocabulary

- decimal place
- decimal point
- sum
- product
- percent
- width
- base
- height

## Science: Light

### Key Knowledge:

- recognise that light appears to travel in straight lines
- use the idea that light travels in straight lines to explain that objects are seen because they give out or reflect light into the eye
- explain that we see things because light travels from light sources to our eyes or from light sources to objects and then to our eyes
- Use the idea that light travels in straight lines to explain why shadows have the same shape as the objects that cast them

### Key Vocabulary:

transparent, translucent, opaque, reflection, refraction, shadows, prism, visible spectrum, white light, rainbow, straight line, travels, medium

## Geography: Galapagos Islands

### Key Knowledge:

- the Earth is divided into 24 time zones
- the Galapagos Islands are in the Pacific Ocean, west of Ecuador, in South America.
- the Galapagos Islands are an archipelago formed by volcanic activity
- the Galapagos Islands are home to endemic species
- human uses of the islands and the threats

### Key Vocabulary:

Time zone, Prime meridian , Greenwich mean time, Archipelago, Islets, Island, Cliff, Coast, Ocean

## PSHE: Dreams and Goals

### Key Knowledge:

- Know my learning strengths and set challenging but realistic goals for myself
- Know the learning steps I need to take to reach my goal and understand how to motivate myself to work on these
- Know some problems in the world and challenges that people face globally
- Know about some charities and what I can do to support them.
- Know what some people in my class like or admire about me and to accept their praise

**Key vocabulary:** personal strengths, unrealistic, criteria, SMART goals, global issues, suffering, charitable organisations, sponsorship, hardship, admire

## Computing: Systems and networks - Bletchley Park and the history of computers

### Key Knowledge:

- The importance of having a secure password and what brute force hacking is.
- The first computers were created at Bletchley Park to crack the Enigma code to help the war effort in WW2.
- What techniques are required to create a presentation using appropriate software.
- Sound clips can be recorded using sound recording software and edited and trimmed.

**Key vocabulary:** combination, cipher, scrambled, secure, password, script, hacking, invention

## Art: What effects do different types of printing create?

**Artist:** Hokusai

### Key Knowledge:

- analysing Hokusai's work and labelling features
- comparing artwork to other notable artists through annotations
- practise the variety of printing techniques and decide on a favourite to create a final design
- design final printing block to be used

**Key vocabulary:** pattern, shape, tile, colour, arrange, mono-printing, lino printing, printing ink, repeated pattern

## Music: Everyday People

In the unit focused on "Everyday People" by Sly & The Family Stone, students will engage in a whole class band performance, selecting their own instruments and learning individual parts to create a cohesive rendition of the piece. They will delve into playing syncopated rhythms, enhancing their rhythmic skills and understanding of groove. Additionally, students will explore improvisation techniques using the G major pentatonic scale on their chosen instruments, fostering creativity and individual expression within the group performance. This unit aims to develop both ensemble playing and solo improvisation skills.

## French:

### Key Knowledge:

- Ask and talk about daily routines
- Talk about times of daily routines
- Ask and talk about breakfast
- Describe a typical day
- Comparison of daily routines

**Key Vocabulary:** Je me lève/Je vais à l'école/Je prends mon déjeuner, à deux heures cinq/ à deux heures moins dix, un café/un pain au chocolat, normalement/après l'école

## PE: Indoor - Gymnastics

### Key Knowledge:

- apparatus - vault
- how to vault and land safely
- how to perform floor exercises
- how to perform gymnastic routines

### Key Vocabulary:

vault, routine, landing, floor exercise, strength

## PE: Outdoor - Invasion Games

### Key Knowledge:

- rules and tactics of handball, lacrosse and flag football
- how to maintain possession
- how to predict and intercept play

### Key Vocabulary:

invasion, tactics, possession, cradle, flick

### Key Dates:

- 9th Jan - Y6 Boys Football Fixture Vs Marshgate (home)
- 12th Jan - Y6 Boys Football Fixture Vs St Stephens (home)
- 14th Jan - Y6 Boys Football Vs Holy Trinity (away)
- 22nd Jan - Y5/6 Tag Rugby Fixture away at Kew Riverside
- 22nd Jan - Safeguarding Family workshop 3
- 22nd Jan - Open Classrooms
- 10th Feb - Y4-6 Swimming Gala

### Key Information:

Library day - Monday and Wednesday

PE days: Tuesday for all. Wednesday for Garnet and Friday for Jet and Kyanite.

Homework set on a Monday and due the following Monday - maths and reading comprehension.. Spelling test on a Monday.

Reading diaries signed and checked for 5 entries on a Monday.

### Suggested Books to Read:

<https://www.booksfortopics.com/booklists/recommended-reads/year-6/>

Other Shakespeare adaptations by Andrew Matthews

Other Michael Morpurgo books

[The Speed of Starlight](#) by Colin Stuart & Ximo Abadía

[Can You Get Rainbows in Space?](#) by Dr Sheila Kanani

### Suggested places to visit or activities to do:

Talk to friends/family members who have moved home and discuss the reasons for them moving

Science museum

Paradox museum - optical illusions

Research Japan and create an information poster

Try out different printing techniques eg with a potato

### Useful websites to support learning:

<https://mathsbot.com/primary/ks2>

<https://www.topmarks.co.uk/maths-games/daily10>

#### Spelling games

<https://www.topmarks.co.uk/english-games/7-11-years/spelling-and-grammar>

**SPaG games** - Rollama (children have logins)