

# Year 6 Newsletter

## Summer 2

**Our topic/theme this half term is: *'Lights, Camera, Action!'***

In this topic, we will put together our own production, including designing costumes and props, learn about the geography of Africa and explore light!

**Our Key Texts this half term are:**

Twelfth Night, Holes and Alice in Wonderland

## Our English learning this half term:

### Reading:

**In Guided Reading this half term, we will be using a range of different skills to look deeply at different texts, addressing a range of objectives within our sessions:**

- Read all Y5/6 exception words, discussing the unusual correspondence between spelling and sound and where these occur in the word.
- Explain and discuss our understanding of what we have read, including through presentations and debates, maintaining a focus on the topic and using notes where necessary.
- Identify how language, structure and presentation contribute to meaning and consider how authors use language, including figurative language, to have an impact on the reader.
- Provide reasoned justifications for our views.
- Read our own work, and work by others (including poetry) to a range of audiences using appropriate intonation and volume.

### Writing:

**In Year 6, we will be developing the following writing skills, along with others previously covered:**

- Plan writing of narratives through reasoned consideration of how authors have developed characters and settings in what the class have read, listened or seen performed.
- Draft and write by using organisational and presentational devices to structure the text and to guide the reader.
- Proof-read for spelling errors.
- Confidently read their own writing, using appropriate volume, intonation and movement, so that the meaning is clear.

**We will be writing a range of different text types in the half-term, refining our ability to plan, write and edit for different purposes. We will be conscious of the audience for which we are writing and considering how to use the range of skills we have been taught to entertain and inform the reader.**

## Our Maths learning this half term:

**This half-term, we will be continue to apply all our learning to a range of different contexts and to different problems.**

**We will develop our problem-solving and reasoning skills, focused on the following aims:**

Reason mathematically by following a line of enquiry, conjecturing relationships and generalisations, and developing an argument, justification or proof using mathematical language.

Solve problems by applying their mathematics to a variety of routine and non-routine problems with increasing sophistication, including breaking down problems into a series of simpler steps and persevering in seeking solutions.

## Our Science and Computing learning this half term:

### Science

**In Science this half term, we will learning about light.**

**We will focus on these areas of knowledge:**

- I can 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
- I can 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
- I can use the idea that light travels in straight lines to explain why shadows have the same shape as the objects that cast them.

**We will be developing the following enquiry skills:**

- Raise different types of questions and select the most appropriate type of enquiry to answer them
- Recognise when and how to set up comparative and fair tests and explain which variables need to be controlled and why
- Decide what observations to make, what to measure and how long for
- Notice causal relationships in data and identify evidence that refutes or supports their ideas
- Choose most appropriate equipment and use precisely. Take repeat measurements where appropriate
- Decide how to record data and results, recording results of increasing complexity, using keys, tables, and different charts.

### Computing

**Our unit of computing this half term is using Microbits to create a program to control a physical system.**

- I can design a program on paper.
- I can split a problem into smaller parts.
- I can use a program to control a gadget or a physical system.
- I can run a program.
- I can debug a program to fix a problem.

## Our Humanities learning this half term:

### Geography:

This half term, we will be understanding geographical similarities and differences through the study of Africa, making our comparisons with the UK. We will use maps, atlases, globes and other mapping devices to locate countries and specific features as well as covering a range of human geography topics:

- Economic activity including trade links
- Distribution of natural resources, including energy, food, minerals and water
- Life in different cities and settlements of different sizes around the world.

### Spanish:

In Spanish this half term, we will be putting together the language and skills we have developed and using these in a range of contexts and conversations.

## Our Creative Arts learning this half term:

**Art/DT: This half term, we will be designing costumes and props for the end-of-year production.**

### **We will develop the following skills:**

- Use research and design criteria to inform design of props and costumes.
- Develop ideas to inform the design of innovative, functional and appealing products by looking at, exploring and analysing examples of other props and costumes.
- Generate, develop, model and communicate their ideas through discussion, sketches and prototypes.

**We will also be completing a number of art and design activities as part of our mini-enterprise topic. We will be designing a logo, creating packaging and adverts as well as designing, baking and evaluating our biscuits.**

### Music:

#### **Composition and Songwriting**

- Create original pieces while learning to write the music for reference.
- Study the songwriting structure.
- Study the relationships between chord and melody.

### Drama:

**We will be working hard this half term on putting together our end-of-year performance!**

## Our PE and PSHE learning this half term:

### PE:

#### **Our PE units this half term are Swimming and Athletics**

##### **Swimming**

Developing effective swimming skills including coordinated breathing in all strokes, developing water safety and the ability to self-rescue and an understanding of preparation for exercise. Confidently swim a distance of at least 25m in an easily recognisable stroke.

##### **Athletics**

Confidently throw a shot put and javelin. Use a step action to increase distance. Add a run-up to the long jump and triple jump and jump with power. Select and apply running speeds to be used within a competitive environment and perform the relay with a baton using the down sweep technique.

Copy, repeat and evaluate simple athletic skills showing control and co-ordination. Recognise how personal health and wellbeing is promoted through participation in athletic activities. Observe and evaluate a partner's athletic actions.

### PSHE:

#### **Our unit this half term is 'Financial Capability'**

- Have a broad view of what money is, including history, trade and currencies.
- Understand that occupations require different skills and allow for different earnings, the deductions from which support others in the community.
- Know that the choices we make and the ideas we have about money change according to individual circumstances, values, beliefs and culture.
- Understand how our choices can have an impact on the local and wider communities.
- Understand that managing money is complex and may involve risk but there are people who can help.
- Have a broad view of what we mean by poverty and know something of its links with trade and charities.
- Understand that feelings around money can be complex, difficult and changeable.
- Be able to manage money effectively in real life situations, making informed choices, tracking spending and keeping within a budget

We will also be doing work on our transition to secondary school.

## Key Vocabulary

### Key Vocabulary:

**Maths:** systematic, resilient, logical, sequence, reasoning, justification, pattern, puzzle, recognise, investigate, describe, apply, problem-solve, conjecture, trial and error, working backwards

**English:** audience, purpose, tone, register, informal, formal, endings, characterisation, flow, cohesion.

**Science:** light, shadow, straight, reflection, reflective, source, absorb, direction, opaque, transparent, translucent, refraction, spectrum, rainbow, prism