

## Computing

**Programming:** Variables in games

## Art

N/A this half term

## DT

### Mechanisms: Cams

Designing, making and evaluating a moving toy for children in a particular age range with a focus on cams.

## PSHE (Jigsaw)

### *Celebrating Difference*

Thinking about difference and accepting that everyone is different, including others, knowing how to help if someone is being bullied, using kind words and giving compliments.

## Literacy

**Key Text:** *Macbeth* by William Shakespeare

Children will explore complex relationships in a play and investigate depth, characterisation and narrative features of the work of William Shakespeare.

**Writing Outcomes:** letters, poetry, report writing, notes, adverts, recounts

## Maths

- Arithmetic practice (ongoing throughout the year)
- Formal method of long division
- Factors, multiples and powers
- Squares and primes
- Using the inverse to check answers
- Co-ordinates, translation and reflection
- Fractions: simplifying, decimal and percentage equivalents



# Autumn 2

## Physical Education

**Oak PE days: Wednesday & Thursday**

Multi-skills

Fitness, orienteering, teamwork, problem solving (Aspire)

## French

Where I live

## Science

**Complete Light unit**

### Electricity

- Investigate electrical circuits.
- Explore the effects of voltage on electrical circuit components.
- Draw and annotate circuit diagrams.
- Investigate and create a dimmer switch and festive lights.

## Religious Education

### Christianity

**The Kingdom of God (with a focus on racial justice)**

## History

**Complete *The Kingdom of Benin* unit.**

## Geography

### Volcanoes & Earthquakes

- Earthquakes and plate tectonics
- What happens during an earthquake
- Earthquake survival (how buildings etc. are adapted)
- How volcanoes are formed.
- Where in the world are volcanoes
- Features of volcanoes
- What happens during an eruption

## Spellings

- Words ending in '-able' / '-ably', and '-ible' / '-ibly' suffixes to words
- Adding suffixes to words ending in '-fer'
- Revising words from statutory word list
- Proofreading

Autumn 2



Oak Class 2023