

Science *Light*

We will investigate how to prove that light travels in straight lines. We will discuss reflection, refraction and shadows, completing some fair test investigations. We will also have the opportunity to research periscopes and how they are useful before creating our own. In addition to this we will be experimenting with kaleidoscopes and the science behind them.

Maths

Decimals and measures: Use, read, write and convert between standard units of measures; calculate the area of parallelograms and triangles; calculate, estimate and compare the volume of cuboids

Percentage and statistics

- Calculate and compare percentages of amounts
- Connect percentages with fractions
- Explore the equivalence of fractions, decimals and percentages
- Calculate the mean
- Construct and interpret lines graphs and pie charts
- Compare pie charts

Proportion problems

Use fractions to express proportion

- Identify ratio as a relationship between quantities and as a scale factor
- Unequal sharing involving ratio

Year 6 curriculum map

Term 4 - 2024

How does the past affect the way we live our lives today?

Ambition, Respect, Kindness

English

Skellig - we will be focussing on setting, character and dialogue. We will be using our inference skills and remembering the importance of "show don't tell" when writing about characters.

We will be completing our Explanations from Term 3 and writing non-fiction reports on mythical creatures.

Computing Introduction to spreadsheets - create a spreadsheet for an event staying to budget.

French *Le Weekend continued*
Greetings, colours, likes/ dislikes and vocabulary associated with the family.
Revision of numbers, days and months.

PE
Gym

Music
How Does Music Teach Us About Our Community?

PSHE *Healthy Me*

We will discuss making healthy choices; how drugs affect our bodies; how some people are at risk of being exploited; gang behaviour and supporting our mental health.

RE We are continuing our discussions around *What would Jesus do? Can we live by the values of Jesus in the 21st century?*

We will be exploring how Christians put Jesus' mission into action. We will look at forgiveness, generosity, justice and fairness.

Art *North American Art*

Exploring the following artists: John Singer Sargent, Helen Frankenthaler, Frank Lloyd Wright, Jean-Michel Basquiat and Mary Cassatt.

Geography *Investigating major world cities*

Skills including 8-point compass, calculating time zones and discussing the significance of these, 4- and 6 figure grid references and investigating longitude and latitude. Throughout these lessons we will look at a variety of cities worldwide, working towards a final research based project on a given city.