

Literacy

Book: Skellig by David Almond

National Curriculum

- Understanding what is being read by predicting and using inference.
- Plan writing for audience and purpose.
- write using appropriate form
- Choose appropriate grammar and vocabulary.
- Edit work for spelling and punctuation errors, grammar and vocabulary.

Key Skills:

- Learning about the features of a newspaper and creating a report.
- Understanding how to debate and writing a balanced argument.
- Analysis of a book and writing a book review.

Science

Topic: Animals, including humans

National Curriculum

- describe the changes as humans develop to old age.
- recording data and results of increasing complexity using scientific diagrams and labels, classification keys, tables, scatter graphs, bar and line graphs
- Use timelines to show change over time

Key Skills

- Compare the length of gestation of different mammals and present findings.
- Explore the milestones in baby and child development.
- Explore the milestones in the development of old age.

SPRING TERM 1

Year 5

2020/21

Maths

Topics: Multiplication and Division, Fractions

National Curriculum:

- Multiplication of 2, 3 and 4 digits by 1 and 2 digits.
- Division of 2, 3 and 4 digits by 1 digit both with and without remainders.
- Equivalent fractions.
- Fractions greater than 1.
- Improper fractions to mixed numbers and mixed numbers to improper fractions.
- Compare and order fractions less than and more than one.
- Addition and subtraction of fractions.
- Multiplication of fractions by integers.
- Calculation of fractions of a quantity.

Key skills:

- Practical ways of exploring fractions of a whole.
- Problem solving using fractions.
- Using manipulatives to understand fractions.
- Creating pictorial representations of fractions.

PSHE

Topic: Communication

Key Skills:

- Learn how to communicate and ensure that confidentiality plays an important role in communication.
- Understanding the importance of listening and the role of the listener when communicating.
- Understanding the importance of speaking and listening and know when each role is appropriate.

PE

Topic: Invasion games (continued)

Key Skills:

- Play competitive games and apply attacking and defending rules.
- Develop strength, flexibility, balance and control.

Ideas:

- Learn Tag Rugby skills
- Use skills in a competitive game.

Humanities (Geography)

Topic: Extreme Earth.

National Curriculum:

- Using maps to locate world's countries and their environmental regions.
- Describe and understand climate zones, biomes, mountains and water cycles.

Key Skills:

- Describe and understand the key aspects of physical geography including volcanoes and earthquakes.
- Extreme weather conditions such as tornadoes, storms, cyclones.
- Earthquakes – the Richter Scale, tectonic plates
- Volcanoes – what causes them to erupt.
- Tsunamis – recognising the early signs of a pending tsunami.

Computing

Topic: Coding

National curriculum:

- Design, write and debug programs that accomplish specific goals.
- Use sequence, selection and repetition in programs.
- Use logical reasoning to explain how simple algorithms work and correct errors.

Key skills:

- Children create a game which has a timer and a score pad.
- Children use sketching to design a program.

Ivrit

Topic: Pets

National Curriculum:

Speak in sentences, using familiar vocabulary, phrases and basic language structures.

Engage in conversations; ask and answer questions; express opinions and respond to those of others; seek clarification and help.

Read carefully and show understanding of words, phrases and simple writing.

Understand basic grammar appropriate to the language being studied.

Broaden their vocabulary and develop their ability to understand new words that are introduced into familiar written material, including through using a dictionary.

Key Skills:

- Read aloud and understand a short text containing mostly familiar language, using fairly accurate pronunciation.
- Take part in conversations and express simple opinions giving reasons.
- Gain an overall understanding of an extended spoken text which includes some familiar spoken language.
- Write phrases and some simple sentences from memory and write a short text with support from a word / phrase bank.
- Use a wide range of adjectives to describe people and things.