

YEAR 5 SPRING TERM 2018

A multi-disciplinary topic focusing on the science of classification, adaption, evolution, reproduction and survival.

ENGLISH

- Read books that are structured in different ways and read for a range of purposes
- check that the book makes sense to them
- discuss their understanding and explore the meaning of words in context
- ask questions to improve their understanding
- draw inferences such as inferring characters' feelings, thoughts and motives from their actions, and justify inferences with evidence
- predict what might happen from details stated and implied
- plan a piece of writing in a suitable and preferred way
- use pictures to inspire quality writing
- identify and use hyphens and dashes accurately
- identify and use relative clauses in writing

Texts

What Mr Darwin Saw (Mick Manning)

All About Biology (Robert Winston)

Unusual Creatures (Michael Hearst)

Various non-fiction texts on the subject of evolution and classification

The Mysteries of Harris Burdick (Chris van Allsburg)

The Chronicles of Harris Burdick (Various authors)

Skellig (David Almond)

MUSIC and ART

- evolution of musical ideas; studying the growth of a piece of music from inspiration to finished song.
- keep an artist's notebook, charting the evolution of a piece of music / art / poetry
- Chichester Festival Theatre Children's Concert visit

DARWIN - Evolution & Exploration

SCIENCE

- describe how living things are classified into broad groups according to common observable characteristics and based on similarities and differences, including microorganisms, plants and animals
- give reasons for classifying plants and animals based on specific characteristics
- recognise that living things have changed over time and that fossils provide information about living things that inhabited the Earth millions of years ago
- recognise that living things produce offspring of the same kind, but normally offspring vary and are not identical to their parents
- identify how animals and plants are adapted to suit their environment in different ways and that adaptation may lead to evolution

PSHE

- appreciate and value their body, its capabilities and uniqueness

SAFETY AND WELLBEING

- e-safety: Be responsible, competent, confident and creative users of information and communication technology;
- evaluate and apply information technology, including new or unfamiliar technologies, analytically to solve problems.

MATHS

- place value: determining the value of each digit
- round to the nearest 0.1, 1, 10, 100, 1000
- multiply and divide whole numbers and those involving decimals by 10, 100 and 1000
- interpret negative numbers in context
- plot points, translate and reflect shapes in 2 or more quadrants
- compare fractions with related denominators using equivalence
- find unit and non-unit fractions of amounts; find fractions
- multiply and divide to solve word problems.

Visit to **Marwell Zoo** (28th Feb) as a 'zoological expert' on one particular species having studied in depth beforehand. Observations and notes in the field to support further development in order to create scientific profile.