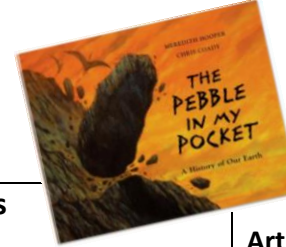
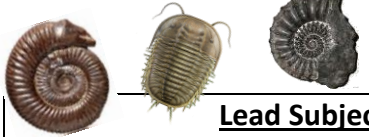


Topic/Theme: Bones and Fossil Hunters

Year group: 3

Spring Term 1



Lead Subject Skills –Science

Science – ROCKS

The children will learn –

- compare and group together different kinds of rocks on the basis of their appearance and simple physical properties
- describe in simple terms how fossils are formed when things that have lived are trapped within rock
- recognise that soils are made from rocks and organic matter.
- recognise when a test or comparison is unfair and say what their experiments and investigations show

Activities to include -

- Identifying different types of rock around the school
- Investigating soil and how it is formed
- Investigating which soil is more likely to mean flooding (permeable and impermeable)
- Close-up observations of fossils and finding out how they are formed. Classifying and sorting fossils

History and Geography -

FOSSILS, DINOSAURS AND LOCAL ENVIRONMENTS

Fossils Hunting and Dinosaurs activities will include –

- A chronological understanding of the Jurassic period
- Researching Mary Anning’s Life
- Locating the Jurassic Coast on maps and where different types of fossils can be found
- How to find fossils and what to look for in preparation for our visit to Charmouth Beach in the Summer term
- Investigating what Jurassic creatures might have looked like
- The Jurassic coast today and the environmental impact on this part of England.
- Researching and classifying types of dinosaurs

Core Subjects/ Links

Literacy

- Using the non-fiction text ‘A Pebble in my Pocket: A History of our Earth’ by Meredith Hooper to write poetry and map our own pebble stories
- Using the text ‘The Day I Swapped my Dad for Two Goldfish’ by Neil Gaimen to explore dialogue and write our own playscripts
- Shape Poems and Calligrams - Fossils

Numeracy

- Rehearse place value in 3-digit numbers, order them on a number line and find a number in between
- solve additions and subtractions using place value
- multiply and divide by 10 (whole number answers)
- count in steps of 10, 50 and 100
- recognise and sort multiples of 2, 3, 4, 5, and 10
- double the 4 times-table to find the 8 times-table
- derive division facts for the 8 times-table
- multiply and divide by 4 by doubling or halving twice
- Identify 1/2s, 1/3s, 1/4s, 1/6s, and 1/8s; realise how many of each make a whole
- find equivalent fractions; place fractions on a 0 to 1 line
- Recognise right angles and know they are 90°; understand angles are measured in degrees;
- recognise ° as the symbol for the measurement of degrees;
- name and list simple properties of 2D shapes;
- begin to understand and use the term perimeter to mean the length/distance around the edge (border) of a 2D shape;
- know a right angle is a quarter turn; know 360° is a full turn; begin to understand angles and identify size of angles in relation to 90°

ICT

- Creating our own Ichthyosaurus fossil comic strip showing the stages of how fossils are formed
- Dinosaur Facts Sheets and research using the National History Museum website
- Branching Databases
- Animations
- Email
- Editing

Cross Curricular Links

Art

- Volcano collage pictures using paint, pastels and charcoal based on the book ‘A Pebble in my Pocket’
- Fossil prints and whole class fossil print collaboration
- Mysterious skeletons - creating our own large scale dinosaur skeletons

DT

- Cookery – making different types of chocolate rocks (sedimentary, igneous and metamorphic)

Music

- Dinosaur scales – exploring pentatonic scales
- Rhythm – drumming and percussion sessions

Other subjects

PE: Swimming (3P)
Gymnastics (3M)
Hockey (3P/ 3M)

French: Numbers, birthdays, conversation and colours

PSHE/Citizenship: Changes, Going for Goals, discussing environmental issues and how to make a difference

RE: Judaism

Enterprise Week

