



BIRKENHEAD
HIGH SCHOOL ACADEMY

GDST
GIRLS' DAY SCHOOL TRUST

Year 3 Curriculum Leaflet

AUTUMN TERM - Extreme Earth

Dear Parents and Carers,

What an exciting term of learning we have prepared for your child! Year 3's themed curriculum unit, '**Extreme Earth**', will explore the incredible story of life on our planet! We will investigate the myriad of living things that eventually become fossils and journey with them through time. The girls will discover where earthquakes have occurred and volcanoes have erupted in the world and how the local people have adapted their lives to cope with these extreme situations. We will dive into the Stone Age and become Estate Agents, writing persuasive adverts to try to sell our properties!

How you can help your child learn at home:

- Visit your local library and explore books about: volcanoes, earthquakes, The Stone Age, The Iron Age, rocks & fossils and Mary Anning
- Perhaps visit The World Museum in Liverpool
- Go on a rock hunt around your home and local area
- Go to the beach and hunt for fossils
- Set up a stall and sell your fossil finds (just like Mary Anning did!)

Home Learning Project:

This half term's project is to choose a volcano and research it. You may present your research in whichever way you would like, e.g. poster, powerpoint presentation, booklet, mini movie!

This project is due into school on Friday 12th October. Please also bring into school on this day (or before) the following items to make your very own exploding volcano in school:

- A small disposable plastic bottle
- Newspaper
- Boxes made from thick cardboard that can be cut up to make a base and supports

Topic Words to Learn:

Can you find out what each of these words mean? And can you spell them?

- extreme, earth, adventure, invent/invention, nature, natural, volcano, erupt, island, earthquake, tectonic plates, Pangaea, archaeologist
- rocks, sedimentary, igneous, metamorphic, fossils, fossilisation, palaeontologist
- history, pre-historic, century, Palaeolithic, Mesolithic, Neolithic
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Extreme Earth

Y3 CURRICULUM MAP

Humanities

In History and Geography we will:

- discover the Stone Age to the Metal Ages
- use atlases to identify volcanoes around the world
- investigate tectonic plates and how earthquakes occur

Science

In Science we will be exploring rocks and fossils.

We are focussing on the female fossil hunter Mary Anning.

How are fossils formed?

Why are rocks different colours? textures? shapes? sizes?

Special events to look forward to

Stone Age Day

Earthquake emergency shelter morning

Volcano eruption morning!

Birkenhead Park
#BHSA rocks

English

We will explore a range of texts relating to Extreme Earth to inspire our writing.

We will have fun developing our spoken language skills through role-play, in activities such as 'Mineral Criminals.'

Maths

We will be:

- developing our understanding of the number system
- reviewing our times tables knowledge
- extending our reasoning skills
- improving our arithmetical fluency

Where on the earth is the ring of fire?

Which type of rock is best for making roof tiles?

Computing

We will develop our internet research skills. We will also improve our editing and presentational skills using Microsoft programs.

Art and DT

We will be making papier mache volcanoes (and erupting them!) We will also be making photo frames and starting our very own BHSA rocks movement!



RE & PSHE

We will explore the concept of responsibility, making links to becoming more independent. We will display our kindness through care and concern in the community.

PE & Music will continue to be taught alongside our themed unit, integrated where appropriate into our Project eXplore work