

Maths

INSPIRE Maths

See Long & Medium Term Planning

History

Children will continue to develop key historical skills:

To investigate and interpret the past / To build an overview of world history / To understand chronology /To communicate historically

Children will study the history of and changes in coalmining from Victorian era to present day, including the national strikes in the 1980's.

DT

Children will continue to develop their design and technology skills:

To design, make and evaluate products whilst developing their technical knowledge

Children will study **Mechanisms (mechanical systems and pulleys) and Electronics**—exploring ,designing, making and evaluating a suitable mechanism used for rescuing.

Personal Development

Online Relationships/Internet Safety and Harms

Privacy

Living in the Wider World

Kidsafe

Science

Children will continue to develop their working scientifically skills, demonstrating they are able:

To generate ideas and ask questions / To investigate, observe and record / To conclude ideas and concepts

To evaluate

Evolution and Inheritance

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.

Light

Recognise that light appears to travel in straight lines.

Use the idea that light travels in straight lines to explain that objects are seen because they give out or reflect light into the eye .

Explain that we see things because light travels from light sources to our eyes or from light sources to objects and then to our eyes .

Use the idea that light travels in straight lines to explain why shadows have the same shape as the objects that cast them.

English

Children will cover a range of genres linked to coal mining focusing on our reading and writing assessment framework objectives.

Key Texts — see Medium Term Plan

Geography

Children will continue to develop key geographical skills:

**To investigate places / To investigate patterns
To communicate geographically**

Children will study trade links and the distribution of natural resources. Developing an understanding of Sunderland's contribution to this, identifying similarities and differences to other places around the world.

“All things are possible...”

Year 6 Spring Term Curriculum Map

Sunderland's Heritage: Coalmining

RE

Judaism: What does it means for a Jewish person to follow God?

Thematic unit: How do religions help people live through good times and bad times?

Modern Foreign Languages

Spanish

<https://www.lightbulblanguages.co.uk/resources-pr-sp.htm#sow>

Art

Children will continue to develop their artistic skills:

To develop ideas / To master techniques / To take inspiration from the greats (classic and modern)

Children will study, take inspiration from and recreate well known paintings land artwork (including textiles) inked to industry and coal mining.

Key Artists: LS Lowry / The Pitman Painters (local). **Key Medium:**

Computing

Children will continue to develop their computing skills:

Programming and Coding, Creating Digital Content, Technology in our Lives, Online Safety and Appropriate Use

Children will further develop their understanding of coding creating and debugging algorithms.. Children will also access a range of IT to present and edit work and continue to develop their understanding of the online world, internet safety and behaviour online.

Key Applications/ Programmes:

Key Applications/ Programmes: Microbits, Probots, Hopscotch, Swift Playground

PE

Dance

Net & Wall Games

Music

Children will continue to develop their musical skills:

Singing, Listening, Composing, Performing

Children will study local music past and present, composing, performing and evaluating their own work and others'.

Potential Educational Visits:

Woodhorn Colliery

Safety Works

LS Lowry exhibit (Sunderland)