

Science

Explain what sedimentary, metamorphic and igneous rocks are and give examples of each.
Describe and classify rocks according to their properties and appearance.
Carry out simple experiments to discover the properties of rocks and soil.
Explain how fossils are formed.
Compare and contrast different soil samples from around Merseyside.
Understand that a force can be a push or a pull.
Understand that magnetic force is an invisible force that attracts magnetic materials.
Understand that magnets both attract and repel and that magnets have two poles – a north pole and a south pole.
Understand that opposite poles attract and same poles repel.
Understand that magnets do not need to touch an object in order to attract or repel it.
Plan and carry out simple experiments/investigations to determine whether materials are magnetic or not.

Computing

Know what a safe password is and how to keep their password safe.
Understand how the internet can be used in effective communication.
Write blogs.
Recognise that not all websites contain truthful content.
Know that some digital media and devices have age restrictions and recognise their PEGI symbols.
Think about different methods of communication.
Use email safely.
Open and respond to an email using an address book.
Add an attachment to an email.
Use the appropriate posture to sit at a keyboard.
Become more familiar with, and use, the home, top and bottom row keys.
Begin to use both hands when typing.

By the end of the topic our children will be able to

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Literacy

Write a sound poem in the style of Roger McGough using onomatopoeia.
Research into the lives of Roger McGough and Anne Fine and make useful notes.
Produce a non-chronological report about Anne Fine.
Create a diary entry that reflects the features of the genre.
Write a letter to an author.

Marvellous Merseyside



Music

To sing with control, accuracy, fluency and expression.
To perform simple rhythmic and melodic patterns using tuned and untuned percussion instruments.

Begin to read up to 5 notes of the musical scale.
Perform as an ensemble.

Use correct musical vocabulary in context e.g. dynamics.
Talk about music heard using appropriate vocabulary.
Appraise their own and the performances of others offering suggestions for simple improvements.
Listen with sustained concentration to live and recorded music.
Begin to recognise the family groups within the orchestra and the role of the conductor.

Art

Know what the colour wheel is.
List the primary and secondary colours – identifying which colours are mixed to create the secondary colours.

Identify warm and cool colours.

Know that H pencils produce hard marks and B pencils produce softer marks and that tone is a measure of light or darkness.
Create textures with pencils using different techniques e.g. hatching and explore light and dark shades.

Sketch figures using posable models and then themselves as inspiration.
Talk about the work of Antony Gormley.
Create sculptures in the style of Gormley using papier mache or Modroc.
Take photographs of themselves in pose and print them off.
Recreate Liverpool's famous skyline.

Geography

Name and locate some of the counties and cities of the United Kingdom.
Discuss the geographical similarities and differences between Billinge, St. Helens and Liverpool.
Explain the differences between physical and human features.
Identify and talk about the physical and human features found around Merseyside.
Describe the journey of the River Mersey from its source to mouth.
Observe, measure and record weather in Billinge and compare to weather statistics around Merseyside.
Use globes, atlases, maps and the internet to find out about Merseyside.
Ask geographical questions and use primary and secondary sources of information to find out the answers.
Use maps effectively and efficiently to compare and contrast the settlements of Billinge, St Helens and Liverpool.
Understand simple grid references, symbols and keys.
Know and use the 8 points of the compass.
Use appropriate geographical vocabulary.