

Thurgoland CE Primary School

Learning Together in Faith and Joy

Science

Plants and Our Environment

Children will plant and observe different seeds growing, looking at each stage of growth. They will look at what a plant needs to grow and its life cycle. Some of their learning will run alongside our forest school afternoon where we will look at the plants in our school environment.

Identify and name a variety of common wild and garden plants, including deciduous and evergreen trees

Identify and describe the basic structure of a variety of common flowering plants, including trees.

Observe and describe how seeds and bulbs grow into mature plants

Find out and describe how plants need water, light and a suitable temperature to grow and stay healthy.

Identify and describe the functions of different parts of flowering plants: roots, stem/trunk, leaves and flowers

Explore the requirements of plants for life and growth (air, light, water, nutrients from soil, and room to grow) and how they vary from plant to plant

Explore the part that flowers play in the life cycle of flowering plants, including pollination, seed formation and seed dispersal.

Electricity and Light and Dark

Children will look at various electrical appliances and create simple circuits and switches. They will also gain an understanding of how electricity gets to our homes.

Recognise that they need light in order to see things and that dark is the absence of light

Identify common appliances that run on electricity

Construct a simple series electrical circuit, identifying and naming its basic parts, including cells, wires, bulbs and buzzers

Working scientifically

Ask simple questions and recognising that they can be answered in different ways

Observing closely, using simple equipment

Perform simple tests

Identify and classify

Use their observations and ideas to suggest answers to questions

Gather and record data to help in answering questions.



Year 2
Spring Term

DT

Planters

Alongside our Science topic children will create planters to place one of their plants in. They will design, make and create a product before evaluating it.

Design purposeful, functional, appealing products for themselves and other users based on design criteria

Generate, develop, model and communicate their ideas through talking, drawing, templates, mock-ups and, where appropriate, information and communication technology

Select from and use a range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing]

Explore and evaluate a range of existing products

Evaluate their ideas and products against design criteria

Food technology

Sedar meal

Linked to our R.E work children will look at the food traditionally eaten at a Sedar meal. They will prepare and eat the food in the traditional way as part of the Jewish

Art Sculpture

In this topic children will take inspiration from local sculptures Henry Moore and Andy Goldsworthy to create sculptures. Children will use the school environment for ideas, creating and placing their art work and create sculptures from clay and objects found in nature. We will also look at Vincent Van Gogh in conjunction with our Plants science topic and create some observational drawings of our surroundings as well creating pieces of artwork using pastels.

Learn about the work of a range of artists, craft makers and designers such as Henry Moore and Andy Goldsworthy.

Describe the differences and similarities between different practices and disciplines, and making links to their own work.

Use sculpture to develop and share their ideas, experiences and imagination

Use a variety of forms to create sculptures including objects from the environment.

R.E.

Schemes: Discovery R.E and Understanding Christianity

How special is the relationship Jews have with God?

Understand how celebrating Passover and keeping Kashrut help Jews show God how they value their special relationship with Him.

Why does Easter matter to Christians?

Children will dig deeper into the Easter story and its importance to Christians.

Geography

Our Environment

As part of our outdoor learning children will complete an afternoon a week within our school grounds. They will use different fieldwork skills to look at human and physical features including habitats and plants around us. A key part of this is also working as a team, communication and cooperation.

Use simple fieldwork and observational skills to study the geography of their school and its grounds and the key human and physical features of its surrounding environment.

Music

Schemes: Charanga/Jolly Music

Genre: classical rockmusic

Zootime looks at the dimensions of music through animal antics. Begin to recognise styles, find the pulse, recognise instruments, listen, discuss other dimensions of music.

Internalise, understand, feel, know how the dimensions of music work together including pulse, rhythm, pitch, tempo, dynamics.

Sing, learn about singing and vocal health. Learn about working in a group/band/ensemble. Play a classroom instrument in a group/band/ensemble. Explore and create your own responses, melodies and rhythms. Work together in a group/band/ensemble and perform to each other and an audience.

History

Sheffield and It's Steel

Children will look at the history of their local area focusing on Samuel Fox.

Develop the children's knowledge and understanding of the lives of significant individuals in the past who have contributed to national and international achievements.

Develop the children's knowledge and understanding of significant historical events, people and places in their own locality.

Year 2
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Computing

Taking Better Photos

Children will learn to take photos using i-pads and then use the features to edit and alter the photographs. They will monitor their science work through photographs.

Researching a Topic

Children will learn how to conduct safe, accurate searches and use the information to inform others of what they have found out.

Use technology purposefully to create, organise, store, manipulate and retrieve digital content

Recognise common uses of information technology beyond school.

Use technology safely and respectfully, keeping personal information private; identify where to go for help when they have concerns about content or contact on the internet.

P.E.

Schemes: Real P.E and iMoves Dance

Children will become circus performers focusing on cognitive skills and balance. After half term we will use our creative skills to explore water skiing and more circus tricks through activities focused around coordination and ball skills. In dance we will be linking our outdoor learning and creating minibeast routines as well as having ago at our very own cheerdance!

Master basic movements including running, jumping, throwing and catching, as well as developing balance, agility and co-ordination, and begin to apply these in a range of activities

Participate in team games, developing simple tactics for attacking and defending

Perform dances using simple movement patterns

P.S.H.E.

Relationships

Children will be looking at friendship & cooperation, respecting differences, British Values: Equality respect and tolerance.

Health & Wellbeing

Children will look at how they are growing and changing and ways to manage and express feelings.

E-safety

Children will learn how to use the internet safely, keep personal information private and identify where to go for help and support