

We Are Scientists/ Wellbeing

During the summer term we will be transforming into scientists, and exploring: rocks, soil and fossils; light and dark; and magnetism. This will give the children the opportunity to immerse themselves in the world of science, and conduct a range of experiments to better understand the world around them. During the second half of the term we will be concentrating on wellbeing, and enabling the children to develop a greater understanding of the personal, social and mental wellbeing. They will have the chance to meet an author of the book called 'My Magical Garden', learn about the faith of Buddhism and discover a range of strategies to help them with their own wellbeing.

Science –

- I can compare and group together different kinds of rock on the basis of their appearance and simple physical properties
- I can describe, in simple terms, how fossils are formed when things that have lived are trapped within rock
- I can recognise that soils are made from rocks and organic matter
- I can recognise that we need light in order to see things and that dark is the absence of light
- I can notice that light is reflected from surfaces
- I can recognise that light from the sun can be dangerous and that there are ways we can protect our eyes
- I can recognise that shadows are formed when the light from a light source is blocked by an opaque object
- I can find patterns in the way that the size of shadows change
- I can compare how things move on different surfaces
- I can notice that some forces need contact between two objects, but magnetic forces can act at a distance
- I can observe how magnets attract or repel each other and attract some materials and not others
- I can compare and group together a variety of everyday materials on the basis of whether they are attracted to a magnet, and identify some magnetic materials
- I can describe magnets as having two poles
- I can predict whether two magnets will attract or repel each other, depending on which poles are facing

Computing –

- I can design, write and debug programs that accomplish specific goals
- I can work with various forms of input and output
- I can detect and correct errors in basic algorithms
- I can understand computer networks including the internet
- I can use search technologies effectively
- I can use a range of digital devices
- I can use technology safely, respectfully and responsibly
- I can identify a range of ways to report concerns

RE –

- I can recognise why Siddhartha Gautama is an important person for Buddhists
- I can name and describe the 4 noble truths of Buddhism
- I can describe the 8 fold path, and recognise actions I could do to achieve the steps
- I can explain what is meant by the term 'karma'
- I can recognise symbols that are important to Buddhists
- I can notice connections between the teachings of Buddhism and other religions

Languages –

- I can tell what the weather is like.
- I can tell you which season it is.
- I can name some food and drink items.
- I can tell you if I like something.

Music, Dance & Drama –

- I can create a convincing character through my use of facial expression, voice and body posture.
- I can participate in performance, role play and improvisations and utilise dramatic elements such as freeze-frame and a drama circle.
- I can use spoken language to develop understanding through imagining and exploring ideas.
- I can play and perform, using my voice and playing the glockenspiel, with increasing accuracy, fluency, control and expression.
- I can listen with attention to detail and recall sounds with increasing aural memory.
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PSHE –

- I can identify positives in my life, worries and dreams for the future
- I can understand my own feelings, particularly when I feel safe, and how my body informs me if I am feeling unsafe
- I can understand what it means to be safe and how to keep myself safe in different environments
- I can understand what personal space means, and the different types of relationships I have in my life
- I can understand the importance of having a network of people to support me in feeling confident to discuss my worries and help me to my achievements
- I can understand my own rights as a child, but also my responsibilities that come with these rights
- I can identify my emotions and develop a mental safe place to help me deal with these emotions positively

Art –

- I can use a wax resist method to add detail to a painted piece of work
- I can colour a design using colouring pencils and blend to make new colours.
- I can add black and white to a piece of work to make it look 3-D
- I can use oil pastels and blend the colours into each other using my fingers.