



Whitchurch Primary School

Science Implementation

At Whitchurch, across each phase children will be taught the whole range of knowledge objectives and are given the chance to develop the appropriate ‘working scientifically’ skills, as set out by The National Curriculum. Science is taught through topics throughout the year, so that children can achieve depth in their learning. Teachers have identified the key knowledge and skills of each blocked topic and these are mapped across the school, ensuring that knowledge builds progressively and that children develop skills systematically.

Science lessons regularly have a practical/investigation focus to build on prior knowledge and develop observation skills. These lessons will be fun, engaging and accessible to all children. In lessons science concepts are modelled in ways that all our learners can access and develop a concrete understanding. Our learners are encouraged to question, explore and reflect on scientific concepts, with the aim to deepen and consolidate their understanding.

We have regular opportunities for visitors to the school with our community links and through parents. Science is celebrated during science week and those who wish to further their science interest in Upper school have the opportunity to attend our extra curricular Science club.

Knowledge organisers are used to identify key vocabulary at the beginning of each unit and the key questions that we will focus on so existing knowledge is checked at the beginning and throughout each

unit. Tasks are selected and designed to provide appropriate challenge to all learners, in line with the school's commitment to inclusion. Regular feedback is provided to move learners on and show progression across the topics over the years.

At the end of each topic, key knowledge is reviewed by the children and checked by the teacher and consolidated as necessary. When appropriate, cross curricular outcomes in Science are specifically planned for and link predominantly with Literacy, and maths. There are also clear cross curricular links with DT and PSHE.

Forest School helps the children in EYFS to study plants and animals in the local area and we used the grounds of the school to support learning.