

Science at Pondhu School

My name is Mrs H Horner and I am science subject leader and the science link governor is Mr T Bowker. Together we help co-ordinate the science curriculum through the school. At Pondhu we aim to create an exciting and rich curriculum that encompasses knowledge and understanding of the world with practical science. We endeavour to ensure that each child is enthused by science by encouraging questioning to drive their curiosity and to develop autonomous learning.

As their knowledge and understanding increases, they will become more proficient in selecting and using scientific equipment as well as collating and interpreting results. They will become increasingly confident in their growing ability to arrive at conclusions based on real evidence.

In science, pupils are encouraged to be open-minded and to try and make sense of what they see and find out. The main focus of our approach is through open-ended activities where we encourage children to recognize the need for fair testing. By helping our children to acquire practical scientific skills, children's self-confidence and social skills are built to enable them to work cooperatively with others.

As co-ordinators of the subject we monitor that each child achieves within this subject. Every teacher aims to meet the needs of all our children by differentiation in our science planning and in providing a variety of approaches and tasks appropriate to ability levels. Through the use of Blooms Taxonomy, questioning skills are used to deepen the children's knowledge and understanding. We also have the opportunity to link with the local secondary school to enable the more able children to develop further. Assessment for learning is continuous throughout the planning, teaching and learning cycle and we are in the process of creating an assessment system to track progress throughout.

To encourage science in the community the school held an eclipse breakfast to all of the pupils and their families. We also have a science day every year where science is celebrated across the school and everyone is involved.