



Our Science Leader



My name is Mr Charlton and I am Science Subject Lead.

My passion/ personal experience with my subject:

I have always loved science. Ever since I can remember, I enjoyed being outside and learning how things grew, or exploring how things worked. I remember the first time I looked at the moon through a telescope, grew my own tomatoes or saw the fossil of an animal from millions of years ago; the excitement and amazement that these brought. At primary school, I remember investigating shadows in the playground and how sound travels through water, discovering which things dissolved and which didn't, the names and order of the planets and so much more. These experiences, and many more, throughout school, college and beyond instilled in me, a passion for science. It is these same experiences and feelings that I want the children of Red Lane to have as they seek to find the answers to their own questions, expanding their understanding of their world, through our science curriculum.

Experiences in our school:

All children at Red Lane learn science. Starting with our youngest children, in the EYFS, children learn to explore the world around them and begin asking questions about what they observe and experience. Their learning and ideas are taken further by interactions with adults, who introduce them to key vocabulary. When children enter Key Stage 1, they begin explicit science learning and are introduced to key foundational concepts which underpin how our world works. They start to develop the skills required to answer their own questions using a range of enquiry types. As children move into Key Stage 2, they are gaining an understanding of the individual disciplines of Chemistry, Biology and Physics. They develop skills in carrying out enquiries: collecting data, using equipment and presenting findings. Children leave Red Lane with the key knowledge and skills required to understand the world around them.

Hopes and goals in my subject:

My goal is that our science curriculum affords each child the opportunity to ask and answer their own questions about the world around them. That they know they are free to ask their own questions and to unleash their inquisitive minds and that we can provide them with the skills they need to discover the answers to these questions.

I hope that every child at Red Lane has an opportunity to experience the awe and wonder that science can provide, and that these would form memories which they will retain for life.

