



## Our Science Subject Leader



My name is Mr Simmons and I am the Science Subject Leader.

### **My passion/ personal experience with my subject.**

As a biologist by degree, I have long had a keen interest in STEM subjects, especially science, especially biology and physics. I still have fond, albeit distant memories of my excitement and wonder when undertaking practical investigations whilst at primary school, including regular trips to what is now the National Science and Media Museum. My desire to discover how and why things work continued into secondary school and sixth form. Now, I am in the fortunate and privileged position to pass that curiosity and fascination on to others, through the pupils that I teach at Red Lane.

### **Experiences in our school**

Within our school, we have a knowledge-rich curriculum, covering a broad range of topics within the three scientific disciplines of biology, chemistry and physics. This strives to develop and embed our pupils' knowledge of key scientific concepts, whilst at the same time addressing many of their misconceptions. Woven throughout this, is a strong focus on working scientifically - the scientific processes which underpin enquiry, practical investigation and interpreting findings. Children at Red Lane enjoy science, and share with me a sense of awe and wonder about the world around them, ranging from newts living in the school's pond, to discovering the vastness of the universe around us.

### **Hopes and goals in my subject**

I hope that the children's experiences of Science promote a life-long love of learning within the subject, with pupils continuing to find out the 'how' and 'why' long after they have left us.

I hope that pupils develop a strong foundation and understanding of Science, including how it impacts the increasingly technology-driven world in which they live.

Finally, I am looking forward to planning more Science-themed activities and opportunities within our school, as well as promoting scientific opportunities within the home.

