



Scientist-in-Residence



Meet our Scientist-in-Residence!

Hello! I'm Mercedes and it is a pleasure to be working with so many curious young scientists at St. Stephen's. I currently run the KS1 & KS2 Science Clubs at the school and will be working with a class a week throughout the terms exploring their current Science topic in even more detail with hands-on activities.



A bit about myself: having graduated from Cambridge University with a Masters in Engineering, I am now completing my postgraduate studies at Imperial College London in Concrete Durability. I went to Spalding High School, where I enjoyed Chemistry, Physics and Maths, with my interest in applied mathematics (mechanics) leading me to pursue engineering at university.

My current research focuses on developing, optimising, and understanding the behaviour of a new cement mortar, which incorporates magnesium compounds as a raw material, instead of calcium, which is used in concrete.

Outside my studies, I enjoy playing sport. I was awarded a half blue in cricket whilst at Cambridge University and I am currently playing cricket, tennis and competitive pickleball, having also competed in athletics as a child.

I can't wait to work with even more students across the school this year getting stuck into practical science activities and encouraging them to keep exploring our world and how it works.