

What are STEM Ambassadors?

STEM Ambassadors are volunteers of all ages and STEM backgrounds from apprentices to geologists, nuclear physicists to zoologists.

Have they received any training to work in schools?

All STEM Ambassadors are registered, enhanced CRB checked and have each received an induction into working in the classroom.

What can they do?

Lots! STEM Ambassadors can get involved in giving careers talks, helping out with STEM Clubs, running workshops in local schools & lots more.

How much do Ambassadors cost?

Absolutely nothing.

How do I access Ambassadors?

Simply contact STEMFirst.

Web:

www.stemfirst.com

Email:

contact@stemfirst.com



Karen's STEM Activity

Student Mentoring

On-site Making It Day

STEM Networking

MATHEMATICS
Science
Engineering
Technology

STEM
Ambassador
Program

Case Study



Quick Questions:



Did you have a 'light-bulb' moment that made you follow the STEM route?

I have always loved science and wanted to work in industry to apply my knowledge.



In 20 words what would you say to a teacher to encourage the use of STEM Ambassadors?

STEM involvement enables pupils to get a wider perspective on life, education and careers. Ambassadors are able to engage pupils by demonstrating how learning is applied in the real world, providing examples and bringing knowledge and experience into the classroom.



Is there one thing you wished you had known at school that you know now?

That your time at school is so short compared to the rest of your life and to just spend those few years working hard, so that you will get the rewards later in life.

Although this is told to you at school you only appreciate and realize later on that it is true!



Dr Karen Bozier

My name is Karen and I am the Environmental Manager at Johnson Matthey Catalysts in Clitheroe.

My job is to ensuring that the chemical plant and entire site operates to meet strict environmental permit and legislative requirements whilst striving to perform more efficiently.

I initially worked as a researcher so my background is in physics and maths with a BSc (Hons) Physics with Environmental Physics and PhD in Civil and Environmental Engineering.

After working in research I wanted to apply the skills I had learnt into an industrial role. The best part of my job now is that it is very challenging. There is always

Environmental Manager

Something new to learn or to get involved in as the site I work at is constantly changing and evolving.

Why are you an Ambassador?

I became a STEM ambassador because Johnson Matthey were getting involved in both the STEM Programme and STEM Outreach into our local schools. I was asked to become a mentor for some GCSE Science students and I felt this really helped me develop my mentoring skills.

So far my best experience has been explaining and illustrating examples of how solutions can be achieved or problems approached which has enabled students to think of other creative ways of working.