

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



Bill's STEM Activity

MAKE IT in Manufacturing

Take-Off in Aerospace

Embedded Ambassadors

Launchbox Challenge

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?

My moment was seeing young people struggle with subject selection at Year 9 and not having a clue about careers prospects due to poor careers advice. Whilst in my previous role I coached and mentored two adult apprentices and was very proud to watch them grow and develop into highly skilled craftsmen.



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

Use the Experiences, Knowledge and Enthusiasm of Ambassadors to promote and encourage young people in the practical uses of STEM subjects in the manufacturing industry.



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

I wish I had known more about the local career opportunities available within the North West prior to choosing my Year 9 options, plus the great rewards and benefits that these careers could bring.



UNISON

Bill Spencer

I work at UNISON Engine Components at Network 65 in Burnley. We have 330 Employees and are part of the GENERAL ELECTRIC Corporation which is the 7th biggest brand name in the work with over 300,000 employees!

My job role is Training Coordinator and I oversee the training and development of 25 apprentices.

UNISON make parts for the Aerospace industry. In the North West this industry is booming and looks set to stay that way for the next 20 years, creating 100's of new jobs in the local area. There is predicted to be a HUGE skills gap in local manufacturing in the future.

Apprentice Training Coordinator

Why are you an Ambassador?

I stumbled into a career in aerospace with no or little careers advice from school. The aerospace industry has given me interesting, well paid and secure employment for over 30 years. I am passionate about encouraging local young people into aerospace.

My best experience was supporting the manufacturing institutes 'MAKE IT' event at Bolton Arena where 10,000 young people came through the doors in 2 days!

I also mentored two young apprentices who were joint winners of the Young Business Person of the Year 2011 at the Burnley Business Innovation Awards.

