

Blaenau Gwent STEM Facilitation Project

Overview of the Project

The aim of STEM Facilitation project is to establish a co-ordinated programme of support, centred on industry, within the Tech Valleys. The project, working with schools in the Ebbw Fawr cluster, will seek to raise awareness of opportunities amongst children, young people and the wider community in order to positively engage them and ultimately increase ambition and attainment. It aims to raise aspirations and to prepare pupils for their journey into the world of work whilst being complementary to the school curriculum.

Project Aims

1. To embed STEM skills and knowledge within a wider context of school and industry/future employment.
2. To raise awareness and uptake of STEM opportunities in Blaenau Gwent amongst the pupils of the Ebbw Fawr Cluster of schools.

Key Indicators of Success for the Project

Based on discussions with STEM leads in schools and local businesses, there are six key indicators that will be used to evaluate the success of the project:

1. Develop a coordinated programme of support within the Ebbw Fawr cluster.
2. Increase links between employers and schools for an enriched learning experience.
3. Engage local and national external STEM providers to provide relevant and engaging STEM activities.
4. Address the disparity between males and females in STEM.
5. Encourage the development of STEM work readiness in learners.
6. Improve knowledge of digital skills.