



WELSH BACCALAUREATE SKILLS CHALLENGE CERTIFICATE National/Foundation

Community Challenge – Coaching STEM



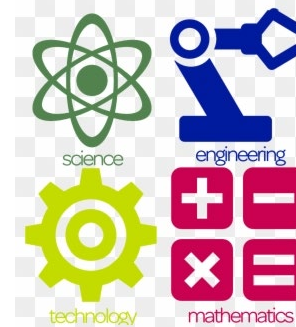
Available for assessment from September 2021

PURPOSE

The purpose of the Community Challenge is to develop learners' skills, whilst encouraging learners to identify, develop and participate in opportunities that will benefit the community. During the Community Challenge learners will explicitly develop skills of **Planning and Organisation** and **Personal Effectiveness** and apply them in an appropriate manner.

BRIEF

We all need to be aware of the challenges and opportunities we may meet on a personal level in our local community: school, the local area, the nearest village, town or city. During this Challenge you will focus on real-life concerns and needs through activities which aim to make a difference in the community. You must consider whether you need to develop and extend your skills, knowledge and understanding to be able to successfully meet the needs of the Challenge.



Coaching involves supporting and helping others to improve, learn new skills and achieve personal goals. Through developing opportunities and by sharing your skills and knowledge, you can help other to increase their knowledge, understanding, enjoyment and confidence when participating in an activity. **STEM** is a common abbreviation for four closely connected areas of study: Science, Technology, Engineering and Mathematics.

As an individual or a member of a team (3 – 6 members) you must spend **10 hours** running **coaching** sessions for a group or individuals in the community. You must develop activities to **inform and educate others** on **Science, Technology, Engineering or Maths** topics. In preparation you must consider how you can develop and extend your knowledge and understanding of the STEM subjects. You must plan and organise how you will carry out **10 hours** actively coaching the community.

Coaching structure could be:

- Preparation for STEM coaching sessions (2 hours maximum)
- Run STEM Coaching sessions (8 hours)
- Feedback

Example of coaching activities:

- Preparation of STEM worksheets and area of work
- Coaching sessions to include a variety of STEM activities
- Provide feedback on how participants can improve and progress

This Challenge will enable you to develop as effective and responsible members of your local community. In completing the Community Challenge you will be able to recognise the contributions you can make towards improving the community in which you live and the benefits this will have for yourself, for others and for the environment. You will demonstrate how you can create and manage an action plan when developing opportunities for the community and with the use of feedback can reflect and review your personal performance in planning and carrying out the activity.

RESOURCES <http://www.stemcymru.org.uk/>