

STEM (Science, Technology, Engineering, Technology) WORKER

Job Description

JOB TITLE	STEM (Science, Technology, Engineering, Mathematics) Worker
RESPONSIBLE TO	Youth Advocacy Worker
JOB PURPOSE	Plan and deliver STEM activities to Children and Young People in both school settings and at YMCA Crewe's STEM Hub.
WHEN	6 hours a week: Thursdays (3pm – 5pm) and Saturdays (9.30am - 12.30pm) and an extra hour for planning
SALARY	£12/hour

MAIN DUTIES AND RESPONSIBILITIES

- Plan and deliver engaging STEM (Science, Technology, Engineering, and Mathematics) activities and learning experiences that are fun and interactive for Children and Young People.
- Proficiency or basic knowledge of some software and programming concept such Microsoft, Tinkercad (3D design and modelling), Scratch Programming etc.
- Create a nurturing environment for Children and Young People, that aids their well-being, builds their confidence and self-esteem.
- To undertake specific risk assessments and tasks that contribute to a safe controlled environment and manage 'dynamic' risk ensuring that risks that emerge during activities are managed and reported.
- Transport resources to the venue and ensure the activity is properly set up and that everything is put away.
- Build and maintain relationships with local schools, colleges and employers to help improve the pathways and increase engagement with STEM subjects and to inspire Children and young people to continue to pursue the subjects at a higher level of education.
- Capture data and feedback and prepares reports (capturing the progress) of children and young people which guides the learning process.
- Produce a monthly report on learning progress.

Other

- Be fully versed with **safeguarding** to protect each individual from harm in accordance with current safeguarding legislation.
- Ensure **equality, diversity and inclusion** is embedded within service delivery and the wider organisation
- Work according to the **quality standards, policies and procedures** of YMCA Crewe at all times
- Actively participate in the **supervision and training** process to develop better services and continuous personal development
- Understand, embrace and promote the **values** of the Association, ie "YMCA Crewe values the unique potential of all people, a can-do approach in our staff and volunteers and the Christian basis of our organisation"
- Undertake such **other duties** as may be reasonably be required

We believe that each person has unique potential and skills to be explored and developed.

We will embed this belief in our work with service users, staff and volunteers.

We believe that a 'can do' approach is critical for facilitating change in the lives of service users.

We will foster and nurture this attitude in our work with service users, staff and volunteers

We believe in the Christian basis and mission of the YMCA.

We will seek to exemplify and embed Christian ethos in our organisational practice in all we do.

