

**Job Title:** STEM Co-ordinator

**Salary:** MPS – UPS + TLR2b (+additional responsibility for the right candidate)

**School:** Robert Barclay Academy

### **Aim and main purpose of the job**

To lead the strategic development of Science, Technology, Engineering, and Mathematics across the school. This is a unique opportunity to shape the future of STEM education at Robert Barclay Academy, fostering a culture of innovation, curiosity, and academic excellence.

The successful candidate will work collaboratively across departments to raise standards, increase student engagement, and promote STEM opportunities beyond the classroom. You will also take a lead in developing partnerships with external organisations to create real-world learning experiences and raise aspirations.

### **Teaching and Managing Pupil Learning**

STEM Co-ordinator will:

- Be able to teach effectively across the full range of age and abilities in one of the STEM subjects,
- Develop and implement a whole-school STEM strategy that aligns with the school's vision and values.
- Support the Heads of Science, Maths, and Design & Technology to enhance participation and raise standards in STEM subjects, particularly at A-Level.
- Lead and co-ordinate STEM-focused extension and enrichment activities, including clubs, competitions, trips, STEM days, and national events.
- To develop the profile of STEM within the school
- To help prepare students for external examinations in STEM Subjects and participate where relevant in internal moderation.
- Possess high expectations of students in relation to standards of achievement and behaviour.
- Promote cross-curricular learning opportunities that connect STEM subjects with real-world applications and emerging industries.
- Build partnerships with local universities, employers, and STEM organisations to provide career insight and mentoring opportunities for students.
- Play a key role in encouraging underrepresented groups, including girls and disadvantaged students, to consider STEM careers and further education.
- Stay abreast of current developments in STEM education and integrate innovative approaches into school practice
- Provide training and support to colleagues to build capacity and confidence in delivering engaging STEM content.

## Assessment and Self-Evaluation

STEM Co-ordinator will:

- Monitor the impact of STEM initiatives and report on progress at Wider Leadership team meetings

## Relationship with Parents

STEM Co-ordinator will:

- Communicate effectively, both orally and in writing, with parents to help raise the profile of STEM subjects and related career opportunities.

## Managing Own Performance

STEM Co-ordinator will:

- Prioritise and manage their own time effectively,
- Take responsibility for their own professional development,
- Provide training and support to colleagues to build capacity and confidence in delivering engaging STEM content.
- Share good practice resulting in a tangible impact on student learning,
- Form constructive relationships with staff including team working and mutual support,
- Actively implement the key aspects of the school's behaviour management policies,
- Be a form tutor
- Make a contribution to the wider school life including specialist STEM enrichment activities,
- Contribute to department planning and developments.

## Strategic Leadership

STEM Co-ordinator will:

- Contribute to the Wider Leadership Team Meetings
- Contribute to the development of whole school strategic planning and policies through membership of the school working parties

Whilst every effort has been made to explain the accountabilities and responsibilities for this post, each individual task may not be identified.

This job description is current, but following consultation with you, may be changed by the Headteacher to reflect or anticipate changes in the post which are commensurate with the salary and job title.