

JOB DESCRIPTION



Post: Mathematics Excellence Coordinator (MExC)

Purpose of the role:

- To identify any high prior attaining mathematicians, especially those from disadvantaged backgrounds, who are at risk of not achieving their highest potential.
- To oversee these pupils, ensuring they participate in Axiom Maths for the full programme.
- To help them foster their love of Maths and nurture them to achieve success at GCSE and beyond.

Role Expectations:

Oversee maths circles and ensure sustained pupil engagement:

- Promote maths circles to incoming Year 7s, with a focus on disadvantaged students.
 - Select a cohort of pupil in liaison with the Head of Maths, who are high attainers and enthusiastic about Maths
 - Ensure at least 30% of pupils attending the Axiom Maths circles are eligible for Pupil Premium
- Partake in onboarding and induction training at the start of the programme.
- Attend MExC training led by Axiom Maths, up to 3 hours per year.
- Ensure maths circles are run with fidelity according to Axiom Maths' pedagogical principles, introduced within Axiom Maths' CPD programme
- Establish the Axiom Maths programme in school, with a view to adding a new Year 7 cohort if the programme continues into another year.
- Once circles have been established with the Year 7 cohort, work with Axiom Maths to provide further Year group circles with the goal of having a circle in each year group (this can be phased)
- Foster a community of pupils who identify as Mathematicians.
- Ensure that pupils, especially the most disadvantaged, continue to attend and participate in maths circles. This will include identifying and removing barriers to continued participation.
- Work with parents of pupil so that they are bought into their children's continued investment in Maths
- Be responsible for all pupils in the school who are completing maths circles, regardless of the delivery mode.
- Monitor and support the quality of circles delivered in school.
- Fully prepare for circle delivery, working through the problems, reading the guidance and completing at least the introductory training video

Be Axiom Maths' point of contact:

- Serve as Axiom Maths' contact within the school, sharing updates and changes regarding Maths circles and excellence. If leaving the school, notify Axiom Maths and plan for a smooth handover within the school, so pupils can have a consistent experience.
- Work with the Lead Practitioner in Maths and the Head of Maths to grow the Maths profile and Maths excellence across the school
- Act as a champion for wider mathematical excellence in the school.
- Engage with Axiom Maths about other opportunities to champion wider mathematical excellence across the school., including assessing the wider toolkit of opportunities.
- Participate in Axiom Maths' continuing research on wider maths excellence and the impact of maths circles

- Reflect on and help shape the design of the Axiom Maths programme for current and future learners in the school.
- Ensure timely completion of mentors' and pupils' surveys.
- Ensure pupil data is updated regularly on the Axiom Maths Hub, (e. g) attendance.
- Ensure mentors participate in one Axiom Maths focus group per year.
- Coordinate one maths circle visit from Axiom Maths per year.
- Facilitate students completing a termly online survey about their experience.
- Student attendance must be tracked weekly.

The job description is **NOT** necessarily a comprehensive definition of the post. It will be reviewed as required and may be subject to modification or amendment after consultation with the post holder.