



Head of Science (3-11)

All academic middle leaders drive forward the learning experience and outcomes of all pupils. All staff are jointly responsible for achieving our aim 'to help our pupils become the best version of themselves through Virtue, Learning and Manners'.

We believe that Science has the potential to inspire pupils to pursue the "truth" and equip them with the thinking skills to challenge and create knowledge in an evidence based approach. Excellent Science teaching has the ability to unlock the pupils' curiosity and imagination, taking them from the atomic to the infinite.

The Head of Science (Prep) is responsible for the effective delivery and management of the primary Science curriculum. They promote a whole school approach to the learning and teaching of scientific thinking and science method skills.

Job Purpose

The Head of Science (Prep) is part of the STEAM group (Science, Technology, Engineering, the Arts and Mathematics), working collaboratively with leaders in Design Technology, Art, Music and Mathematics to promote the transfer of skills between subjects and age groups, and enhancing the provision of STEAM education. As well as assessing the progress made by pupils, the Head of Science (Prep) is responsible for assessing the quality of the provision provided by the School and the primary Science curriculum.

The Head of Science (Prep) regularly collaborates with other leaders, in particular the SENDCO, Director of EYFS, Heads of Year, Director of Curriculum, Director of Pedagogy and Staff Development (Prep), the Head of Academic Enrichment, the Library Team, the Head of Maths, the Head of English and the STEAM Coordinator. We operate a "First Teams" approach where middle leaders take shared responsibility for each others' domains and openly learn from each other.

We follow a continual cycle of improvement, being proactive in finding ways we can develop our approach and skills in order to harness the very best from all of our colleagues.

Report to

Deputy Head Academic (Prep School)

Contacts

Prep SLT, Prep Leadership Team, Academic Leadership Team, STEAM Technician, Heads and Leads of subjects, Teachers of Science, Form Teachers and Heads of Year.

Key Responsibilities & Accountabilities

The Head of Science (Prep) is responsible for developing and implementing the vision and strategy for 3-11 Science. Delivering this vision through confident and imaginative leadership, inspiring colleagues and pupils.

All roles evolve over time and some areas are dependent on the strengths and development foci of the individuals in post. Thus the areas listed here are by no means an exhaustive list nor inclusive of all possible areas of responsibility.

Provide strategic vision and leadership for Science across the Prep School (3-11):

- Setting out the vision for Science in EYFS, KS1 and KS2, communicating this effectively both verbally and in writing to SLT, staff and where appropriate to parents;
- Working closely with the Director of EYFs and Heads of Year in KS1 to ensure you are continuously learning from each other and co-creating the approach to Scientific thinking, skills and knowledge for our youngest pupils;
- Ensuring the reach of learning through Science is not limited to Science lessons but extends through PYP curriculum and the co-curricular programme, trips, Academic Enrichment, the House activities, assemblies, playground equipment and so forth.

Operating a "First Teams" approach to collaborating with and learning from other leaders:

- The Head of Science regularly liaises with other subject and phase leaders as part of working together on a coherent approach to teaching and learning, including KS3 Science Heads of Department at the Senior School;
- Seeking out and maintaining a critical friend partnership with a Head of Science at another Prep/Primary school with a track record of excellence.

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Developing the teaching skills of all staff involved in the delivery of Science:

- Understanding that the curriculum is only as good as those delivering it, and so being proactive in undertaking learning walks, coaching others and identifying training needs related to facilitating excellent science learning;
- Collaborating with the Director of Pedagogy and Staff Development (Prep) to understand the best approach to upskilling the relevant staff;
- Overseeing the development of digital learning technologies within the department, liaising with the Head of Computing and Digital Learning;
- Alongside the STEAM Coordinator, manage the inclusion, deployment and training of the STEAM Technician;
- In collaboration with the Deputy Head Academic identify opportunities to upskill parents/carers and enable them to be effective partners in amplifying pupil learning at home.

Leading on the approach and evaluation of the Science Curriculum:

- Designing and resourcing both a mastery approach to science learning and a transdisciplinary approach;
- Creating opportunities to assess pupil learning and progress that are effective and meaningful in understanding both the journey of the individual pupils and of cohorts;
- Stay up-to-date with research and advances in science education;
- Ensuring Health and Safety standards and all required qualifications for staff are up-to-date and being implemented thoroughly.

All staff are actively engaged in safeguarding.

Personal Specification

- An experienced graduate with a record of outstanding classroom teaching including the primary age range;
- Leadership experience is desirable;
- Ability to build trust through an ethical approach to working with others;
- Highly organised with the ability to prioritise and work to deadlines;
- Display discretion when needed;
- Possess strong interpersonal skills to work effectively with pupils, parents and staff;
- Think strategically and be able to take the initiative;
- Be proficient in the use of IT;
- Have a high level of literacy;
- Be able to stay calm under pressure;
- Be committed to on-going professional development;
- Be committed to the values and culture of the School;
- Display an absolute commitment to the highest standards of professional behaviour and, at all times, to promoting the welfare and safeguarding of children and young people.

To find out more about this role please contact the HR Department at hr@brentwood.essex.sch.uk who will be able to put you in touch with the Head of the Prep School.

Safeguarding

To be committed to the safeguarding and promotion of the welfare of young people. To demonstrate this commitment in every aspect of this post. To adhere to, and ensure compliance with, the School's Safeguarding Policy at all times. You are required to report any safeguarding or child protection concerns to the School's Designated Safeguarding Lead.

Safeguarding responsibilities

- To adhere to the School's Safeguarding policy, which includes the staff safeguarding code of conduct, and KCSIE (Part 1);
- To communicate any safeguarding concerns as soon as possible to the DSL or a Deputy DSL. For any serious concerns, speak to a member of the safeguarding team and then record your notes on the online safeguarding reporting system, CPOMS. If you cannot contact a DSL or DDSL or member of SLT, contact the reception and admin. team who will be able to locate them;
- To use CPOMS in a timely manner to alert the safeguarding team of your non-urgent concern (and to record any safeguarding concerns);
- To report any concern about the safeguarding conduct of a member of staff (contractor, volunteer or adult supervising children on the school site as part of an external let) to the Headmaster (or to the Chairman of Governors if the concern is about the Headmaster) and to self-refer as needed, following the Safeguarding Policy and Low Level Concerns Protocol;
- To ensure that you always wear your lanyard and challenge anyone who is not wearing a school lanyard or who is wearing a red lanyard while unaccompanied.
- To ensure that registers are completed for each registration period using iSAMS (as a tutor, this will be the am registration). Teachers or cover teachers complete the pm registration at the start of period 6;

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- To complete an accurate register at the start of each lesson or activity you teach or supervise, including after-school or weekend events or activities;
- To be aware of the medical and SEND needs of the students in your care and contact the school nurses or Learning Support Department if you have questions;
- To be aware of online risks to children and to use Apple Classroom to monitor the use of school devices used by students in lessons.