**Job Description**

KS3 Leader of Science

Responsible to Faculty Lead for Science

Main Areas of Responsibility

* Support the Faculty leads for Science and to deputise when and where appropriate
* Actively contribute to help to raise standards of pupil attainment and achievement within the whole faculty and to help to monitor and support pupil progress
* Ensure provision of an appropriately broad, balanced, relevant and differentiated curriculum for pupils studying in the faculty, in accordance with the aims of an academy and the curricular polices determined by the Governing body and Headteacher
* Lead the development of the curriculum for Science in Key Stage 3
* Monitor and support the overall progress and development of pupils as a manager within the faculty and as a form tutor

Operational/Strategic Planning

* Lead the development of appropriate syllabuses, resources, schemes of work, marking policies, assessment and teaching strategies in the faculty, or to support the Faculty lead and other assistant leaders, with this faculty
* Lead the development of appropriate resources, schemes of work, marking policies, assessment and teaching strategies relating to areas of specific responsibility
* Responsible for the day-to-day management, control and operation of appropriate curriculum area(s) provision within the faculty and/or academy
* Ensure accurate and consistent monitoring and following up pupil progress within your area of responsibility
* Actively assist in the implementation of academy policies and procedures.
* Actively work with colleagues to formulate aims and objectives for the faculty/academy which have coherence and relevance to the needs of pupils and to the aims and objectives of the academy
* Play a key role in the management of the business planning function of the faculty, and to ensure that the planning activities of the faculty reflect the needs of the pupils and the aims and objectives of the academy

Leadership and Management

* Ensure the maintenance of accurate and up-to-date information concerning the relevant curriculum area on the management information system
* Ensure maintenance of designated databases
* Make full professional use of analysis information and evaluate performance data provide, reporting to SLT half termly
* Identify and take appropriate action on issues arising from data, systems and reports; setting deadlines where necessary and reviewing progress on the action taken
* Produce reports within the quality assurance cycle
* Assist in the production of reports on examination performance, including the use of value-added data
* Assist in the identification of exam entries within the faculty
* Assist the Faculty lead for Science to identify resource needs and to contribute to the efficient/effective use of physical resources
* Responsible for coordinating assessment materials as and when required
* Co-operate with other faculty’s to ensure a sharing and effective use of resources to the benefit of the academy and the pupils
* Ensure the effective operation of quality control systems
* Assist in the process of the setting targets within the faculty and to work towards their achievement
* Establish common standards of practice within the faculty and develop the effectiveness of teaching and learning styles.
* Contribute to the academy procedures for lesson observation.
* Participate in the monitoring and evaluation of the faculty in line with agreed school procedures including evaluation against quality standards and performance criteria.
* Seek/implement modification and improvement where required within the relevant subject area(s)

Curriculum Provision and Development

* Liaise with the Faculty lead for Science to ensure the delivery of an appropriate, comprehensive, high quality and cost-effective curriculum programme which complements an academy’s strategic objectives
* As appropriate, liaise with other Heads of Faculty to ensure the success of facultyal initiatives or whole-school ones that are led by the faculty
* Support faculty development within the whole faculty
* Keep up to date with national developments in the subject area and teaching practice and methodology
* Be responsible for developing and updating schemes with the faculty team.
* Actively monitor and respond to curriculum development and initiatives at national, regional and local levels

Effective Liaison/Communication

* Effectively communicate with a range of individuals such as: Senior Leadership Team, teaching staff, relevant non-teaching support staff, LEA representatives, external agencies and parents
* Ensure that all members of the faculty are familiar with aims and objectives
* Ensure effective communication as appropriate with parents of pupils
* Liaise with partner schools, higher education, industry, examination boards, awarding bodies and other relevant external bodies
* Contribute to the school liaison and marketing activities, e.g., the collection of material for press releases
* Contribute to the development of effective subject links with partner schools and the community, by for example, effective promotion of subjects at Open Days/Evenings, and/or attendance where necessary at liaison events in partner schools or the wider community
* Actively promote the development of effective subject links with external agencies

Teaching and Learning

* Undertake an appropriate programme of teaching in accordance with duties and expectations of a high-quality teacher
* Prepare, develop and deliver lessons in the timetabled subject, according to the schemes of work agreed within the faculty
* Monitor and record the performance of pupils
* Foster and maintain high standards of effort and discipline amongst the pupils and follow appropriate procedure when pupils fail to follow academy rules
* Encourage effective learning by the appropriate use of formative assessment, clear target setting in both school and homework, and developing teaching and learning styles which enable participation by the pupils and which enable maximum performance in personal development and in public examinations
* Build a working relationship with form tutors to enable effective communication on matters which concern members of their tutor group
* Foster an atmosphere of mutual respect with pupils in all classroom activities.
* Develop and foster good working relationships with all staff - teaching, support staff and external service providers
* Be involved in all development work undertaken by the faculty, including producing schemes of work, programmes of study, schemes of assessment or any such similar materials
* Display work or materials which enhance the learning environment
* Adhere to and support all published policy statements
* Take part in the processes of performance management as required
* Work alongside the Faculty lead for Science through QA processes, including work scrutiny and light touch
* Contribute positively to the extracurricular life of the academy

Health and Safety

* Undergo Basic First Aid training and update courses if desired
* Be aware of the responsibility for personal health, safety and welfare and that of others who may be affected by your actions or inactions
* Co-operate with the employer on all issues to do with health, safety & welfare. Data Protection and Safeguarding
* To work and process personal and sensitive information in accordance with the Data Protection Act 2018 including the General Data Protection Regulations (GDPR) 2018
* To ensure that you are kept updated with the requirements of Keeping Children Safe in Education and have responsibility for promoting and safeguarding the welfare of children and young people

CPD

* In conjunction with the line manager, take responsibility for personal professional development, keeping up-to-date with research and developments in teaching pedagogy and changes in an academy curriculum, which may lead to improvements in teaching and learning
* Undertake any necessary professional development as identified in an Academy Development Plan taking full advantage of any relevant training and development available.
* Develop skills and knowledge for mentoring and coaching colleagues
* Maintain a professional learning log and portfolio of evidence to support the Performance Management process - evaluating and improving own practice
* To keep up-dated in subject knowledge and new developments in Science
* Keep up to date with methodologies in Science teaching to ensure teaching approaches engage those pupils requiring scientific literacy for issues they will encounter through their working lives
* Be aware of CPD offered through subject specific organisations. All employees of the academy have a responsibility for promoting and safeguarding the welfare of children and young people. Candidates must also be willing to undertake any other responsibilities in line with their grade as requested by the academy