



LEAD PRACTITIONER - SCIENCE

Middlewich High School

£47185 – £49574

L1 – L3

Job Description & Person Specification

Job Description

Reporting to

Head of Science

Purpose of the role

To operate across the Academy to model and lead improvement of teaching and learning within STEM subjects by coaching, supporting and inspiring teachers.

Main responsibilities

Leadership Responsibilities

1. Share excellent practice, skills, knowledge and expertise with other teachers, to continually improve and refine teaching and learning across the Academy collectively driving standards and outcomes.
2. Develop, implement and evaluate consistent policies and practice in the curriculum delivery that contributes to school improvement.
3. To promote and ensure positive pupil approaches to learning through, high expectations, exceptional teaching with emphasis on learning and stimulating and engaging learning environment.
4. Assessment and impact evaluation, including through demonstration lessons and classroom observations.
5. To assist SLT in establishing systems and procedures to develop teaching and learning in STEM subjects, maintaining evidence based, up to date approach.

6. Consistent delivery of high standard of lessons, promote proven strategies and support colleagues (including ECTs) in both 1:1, coaching and groups to develop practice to improve teaching and learning within STEM.
7. Develop strategies and plans to close achievement gaps ensure they are implemented appropriately.
8. Working within the Science department, with whole school responsibility for STEM
9. Oversee the professional development of all staff in STEM subjects within the Academy providing advice and additional support and direction as required.
10. Provide regular updates, progress reports and proposals to relevant School Leadership Teams, Governors and Executive Teams as required.

Curriculum

1. Support the development and review of all stages of STEM curriculum and schemes of work, with a focus on science.
2. Coordinate, prepare, deliver and evaluate schemes of work for the Academy in accordance with curriculum requirements.
3. Provide leadership and guidance on the planning, production and use of learning resources.
4. Monitor and evaluate to ensure that there is a consistency in terms of learning experiences for students in accordance with the academy policy and for effective teaching and learning.
5. Provide guidance on exam specifications and delivery time frames
6. Liaise with external agencies and the academy to enrich and broaden the curriculum.

Assessment

1. To guide and develop rigour and accuracy in assessments in STEM across the Academy.
2. Support in the analysis of assessment data and action planning and interventions as necessary.
3. Identify and implement strategies for raising standards at all key stages in line with the latest accountability measures.
4. Ensure there are appropriate resources for the purpose of moderation and training.

Teaching and Learning

1. To deliver an appropriate programme of teaching in accordance with the duties of a teacher.
2. Teach students in accordance with their educational needs, including setting and marking of work to be carried out.
3. Assess, record and report on students attendance, progress, development and attainments.
4. To assist in the development of appropriate syllabuses, resources, schemes of work, marking and teaching strategies

5. Ensure an appropriate learning environment, that is well organised, safe and engaging, lead by example to encourage high standards of work displayed within the classrooms and communal areas.
6. Advise on the appropriate acquisition and use of resources within the department.
7. All other duties not listed but reasonably directed from the manager which is within the abilities of the post holder.
8. Comply with Foundation and Academies policies including but not limited to Health and Safety, Safeguarding, and the code of conduct.

Person Specification

	Desirable	Essential
Qualification		
PGCE and evidence of continuing professional development		✓
GCSE's at grade C (grade 4) and above in English and Maths		✓
Degree in STEM subject, with the ability to teach science		✓
Experience		
Recent experience of teaching Science to KS3 & KS4 across the ability range		✓
Knowledge of GCSE exam expectations		✓
Experience of teaching GCSE Science		✓
Successful experience in more than one school.	✓	
Knowledge & Skills		
Good written and verbal communication skills		✓
Good organisational skills		✓
Strong behaviour management skills		✓
Effective ICT skills to support students' learning		✓
A positive role model of professional practice and conduct of others with evidence of leadership skills and experience		✓
Familiarity with the use of Google Classroom	✓	
Evidence of commitment to extra-curricular activities in the relevant area	✓	
Proven track record of successful strategies for raising achievement and enabling students to work to the highest standards		✓
Interpersonal Skills		
Enthusiastic approach to teaching and learning		✓
Able to inspire and enthuse all students to achieve their individual potential		✓
Flexible approach and positive attitude towards work		✓
Punctual and reliable		✓
Excellent team player		✓
Ability to adapt to changes in the workplace		✓
Personal Qualities		
Commitment to getting the best outcomes for students and promoting the ethos and values of the school		✓
Commitment to equal opportunities and securing good outcomes for students with SEND or a disability		✓
Ability to work under pressure and prioritise effectively		✓
Commitment to maintaining confidentiality at all times		✓
Commitment to safeguarding and equality		✓
Passion for STEM		✓