



Job Description

Position Title:	Teacher of Science (Physics preferred)		
Line Manager:	Assistant Director of STEM		
Indirect Reports:	Not applicable		
Department:	STEM – Science	Job Code:	Full time, permanent
Location:	Furness Academy	Salary Grade:	M1 – M6

1. JOB PURPOSE

To assist the Assistant Director of STEM in ensuring that the teaching of Science, and in particular Physics, is of the highest possible standards and that students of all abilities and key stages maximise their achievement.

The role will be responsible for:

- Raising levels of achievement for all students in the subject area.
- Securing high quality teaching and learning and leading by own example in the classroom.
- Taking action to raise standards of achievement for all students.
- Taking full accountability for all performance standards in the subject area.
- Making effective use of resources.
- Making a sustained and well-informed contribution to the Science and Physics provision at the Academy as well as whole Academy improvement strategies.

2. ACCOUNTABILITIES

Key areas of accountability and responsibility include:

ACHIEVEMENTS AND STANDARDS

- Work with the Assistant Director of STEM to ensure that assessment data is used effectively within the department and in a formative way to drive achievement beyond national expectations, including writing reports and profiles as required.
- Arrange intervention to address underperformance and swiftly secure high levels of achievement and success beyond national expectations.
- Work with the Assistant Director of STEM to identify and eliminate barriers to learning across the department and ensure that currently low performing groups including all FSM students, SEN and boys rapidly secure and sustain significantly high achievement compared to national figures.
- Support colleagues in the preparation of high quality lessons and schemes of work, facilitating the effective use of assessment for learning across the subjects and key stages within the department to ensure that high aspirations impact positively on raising achievement beyond national expectation.
- Where necessary work with partner Primary schools to facilitate a smooth transition from KS2 to KS3 for students in subjects within your department area.

- Contribute to examination arrangements
- Assess and record student progress as required by subject and Furness Academy's policies, including National Curriculum and other standardised tests, and baseline assessment where relevant.

PLANNING

- Plan teaching to achieve progression in students' learning through:
 - identifying clear teaching objectives and content, appropriate to the subject matter and the students being taught, and specifying how these will be taught and assessed
 - setting tasks for the whole class, individual and group, including homework, which challenges and motivates
 - setting appropriate and demanding expectations for students' learning, motivation and presentation of work
 - setting clear targets for students' learning, building on prior attainment, and ensuring that students are aware of the substance and purpose of what they are asked to do
- Provide clear structures for lessons, and for sequences of lessons, which maintain pace, motivation and challenge students.
- Make effective use of assessment information on students' attainment and progress in the teaching and planning of lessons and sequences of lessons, including SEN and EAL needs.
- Ensure coverage of the relevant examination syllabus and National Curriculum programmes of study.

TEACHING, LEARNING & CLASS MANAGEMENT

- Play an active part in shaping the direction of teaching and learning across the whole school by being part of the Furness Academy; contributing ideas, sharing outstanding practice and being open to any avenue of change that drives standards and creates a 'buzz' around learning, progress and achievement.
- Ensure the effective teaching of classes and individuals, so that teaching objectives are met and best use is made of available teaching time.
- Use teaching methods which sustain the momentum of students' work and keep all students engaged through:
 - Matching the approaches used to the subject matter and students
 - Clear structure and presentation of content
 - Effective use of resources and time
 - Providing opportunities for students to consolidate their knowledge and skills, both in the classroom and the setting of well-focused homework
- Establish and maintain a purposeful working atmosphere
- Support the Assistant Director of STEM in the monitoring and evaluation of standards of teaching and learning within the department.
- Working alongside the Assistant Director of STEM, use the outcomes of learning walks, work scrutiny, student and teacher voice to plan and deliver high quality CPD to enhance the practice of colleagues within the department leading to rapid and sustained progress for students.
- Create a climate within the department whereby effective, independent learners are supported through innovative and challenging lesson design to maximise their potential.
- Actively help the Assistant Director of STEM to plan and lead department INSET on teaching and learning issues, contributing to the dissemination of current developments and thinking in science.
- Work closely with the Assistant Director of STEM to ensure that the science curriculum and Schemes of Work are appropriate for and accessible to all students.
- Meet the requirements of the Code of Practice, implement and keep records on individual education plans (IEPs) and report progress and concerns as required.
- Deliver department CPD on practice that includes:
 - Lesson planning that fully supports the whole school drive to improve the teaching of literacy and numeracy across the curriculum, working collaboratively with those who have a whole school lead on these strands
 - Creating an outstanding climate for learning
 - Planning for differentiation/inclusion

- Developing questioning techniques
- Engaging boys
- Student leadership in the classroom and independent learning
- Business & Enterprise opportunities
- Consistently model the teaching of good or better lessons that motivate, inspire and improve student attainment and embed an Open Door ethos.
- Mark and monitor student's class work and homework as required by subject and school policies.

CONTINUOUS PROFESSIONAL DEVELOPMENT

- Support the delivery of programmes to improve the quality of teaching.
- Evaluate own teaching critically, including taking responsibility for professional improvement targets and monitoring progress.

BEHAVIOUR & SAFETY

- Embed the Furness Academy Value into the life and work of the students in the department to support the raising of expectation and aspiration.
- Establish a safe environment, which supports learning and in which students feel secure and confident
- Through rigorous monitoring and support, work with the Assistant Director of STEM to ensure that colleagues within the department set high expectations of students' behaviour through well-focused teaching and consistent application of the Behaviour Policy and other school systems.
- Be aware of and comply with policies and procedures relating to child protection, health, safety and security, confidentiality and data protection, reporting all concerns to an appropriate person.
- Be aware of and support differences to ensure equal opportunities for all.
- Appreciate and support the role of others within the department providing feedback to support progress and challenging underperformance.
- Recognise own strengths and areas of expertise and use these to advise and support others.
- Participate in appropriate meetings with colleagues and parents/guardians, communicating with parents in a professional manner at all times, promptly responding to parental enquiries by telephone, letter or email as appropriate.
- Implement Furness Academy policies consistently and follow procedures outlined in the staff handbook

WHOLE SCHOOL RESPONSIBILITIES

- Support the Assistant Director of STEM in securing the commitment of colleagues, including any non-teaching staff designated to the department, to the vision, ethos and policies of the school and to promote the highest levels of outstanding achievement.
- Embed ambition and drive rapid and sustained improvement across the department to swiftly secure high levels of achievement and student success beyond national expectations.
- Play an active part in driving whole school improvement through the development of outstanding Teaching and Learning.
- Across the faculty, support and challenge colleagues to achieve the school's strategic priorities.
- Contribute to the implementation of appropriate aspects of the school improvement plan at department level; routinely quality assuring, monitoring and evaluating success of strategies.
- Work to remove all barriers to learning and progress for every single – *no child left behind*.
- Be an outstanding role model for both staff and students by promoting positive relationships.
- Cover for absent colleagues in accordance with Furness Academy policy

GENERAL

- Take on specific leadership and management tasks related to the day to day running of the department.
- Act as form tutor or co-tutor as required.
- Undertake administration and organisation of the department as requested by the Headteacher.
- Contribute to the work of curriculum and pastoral teams, including participating in pastoral, administration and organisational meetings and undertaking academic and pastoral tutoring as required.
- Create and maintain positive and supportive relationships with parents, governors and the wider community.
- Take responsibility for your own professional development by engaging with appropriate training

- opportunities to promote professional effectiveness in your role and to support the work of the department.
- Any additional tasks by agreement with the line manager and Headteacher which are commensurate with the responsibilities and remuneration for this post.

SAFEGUARDING

Furness Academy is committed to safeguarding and promoting the welfare of children and young people. We expect all staff to share this commitment and to undergo appropriate checks, including enhanced DBS checks

Note:

This job description may be periodically varied after consultation with the post holder.

Post-threshold teachers will, additionally, be expected to meet national standards for those on the Upper Pay Scale

3. APPROVALS:			
LINE MANAGER		Name	
Signature		Date	
HEADTEACHER		Name	
Signature		Date	
EMPLOYEE			
Signature		Date	