



PENKETH HIGH SCHOOL



Job Title: Teacher of Science

Responsible to: Director of Learning - Science

Key Role: To ensure that all pupils engage successfully in their learning and are able to make progress towards their agreed targets. To meet the QTS standards and continue to develop professional practice.

Knowledge and Understanding

- To have a detailed knowledge of the National Curriculum programmes of study, level descriptions and end of key stage descriptions for the appropriate level and subject.
- To be familiar with the relevant external exam syllabuses and courses KS3 & KS4 .
- To understand progression from KS2 programmes of study.
- To cope securely with subject-related questions which pupils raise.
- To have a secure knowledge and understanding of relevant ICT skills and subject related material to satisfy National Curriculum requirements and enhance learning.
- To be familiar with relevant Health and Safety requirements and plan lessons to avoid potential hazards.

Planning

To plan their teaching to achieve progression in pupils' learning:

- To set tasks for the whole class, individual and group work, including homework, which challenge pupils and ensure high levels of pupil interest.
- To have appropriate and demanding expectations for pupils' learning.
- To set clear targets for pupils learning, building on prior attainment, and ensuring that pupils are aware of the substance and purpose of what they are asked to do.
- To identify pupils who:
Have special educational needs, including specific learning difficulties;
Are very able;
Are not yet fluent in English; and know where to get help in order to give positive and targeted support.
- To provide clear structures for lessons, and sequences of lessons, in the short, medium and longer term, which maintain pace, motivation and challenge for pupils.
- To make effective use of assessment information on pupils' attainment and progress in their teaching and in planning future lessons and sequences of lessons.
- To plan opportunities to contribute to pupils' personal, spiritual, moral, social and cultural development.
- To (where applicable,) ensure coverage of the relevant examination syllabuses and National Curriculum programmes of study.

Teaching and Class Management

- To ensure effective teaching of whole classes, and individuals within the whole class setting, so that teaching objectives are met, and best use is made of available teaching time.
- To establish and maintain a purposeful working atmosphere.
- To set high expectations for pupils' behaviour, establishing and maintaining a good standard of discipline through well-focused teaching and through positive and productive relationships.
- To exploit opportunities to contribute to the quality of pupils' wider educational development, including their personal, spiritual, moral, social and cultural development;
- To set high expectations for all pupils notwithstanding individual differences, including gender, and cultural and linguistic backgrounds;

Pupil Outcomes

- To oversee the progress of all pupils within your teaching groups towards agreed targets including any external examinations and to assist in implementing strategies when progress is less than expected.
- To foster positive and productive pupil attitudes and engagement in learning within your teaching groups

General

- To establish, effective working relationships with professional colleagues.
- To set a good example to the pupils you teach, through your presentation and personal and professional conduct.
- To understand your professional responsibilities in relation to school policies and practices, including those concerned with pastoral and personal safety matters, including bullying.
- To recognise that learning takes place inside and outside the school context, and understand the need to liaise effectively with parents and other carers and with agencies with responsibility for pupils' education and welfare.
- To understand the need to take responsibility for your own professional development and to keep up to date with research and development in pedagogy and in your subject.
- Ensure child protection and safeguarding responsibilities are met.
- Undertake the duties of teachers as outlined in the School Teachers Pay and Conditions Document.
- Undertake any other duties and responsibilities as may be assigned from time to time, which are commensurate with the grade of the job.