

## PGCE Subject Information

### Computing and ICT

Trainees will be expected to teach Computing and ICT at Key Stage 3 and Key Stage 4; A Level experience would be desirable, but not essential. Trainees will have a first degree in which Computer Science/Computing accounts for at least 50% of the award. Some trainees may have industrial experience or have undertaken further postgraduate studies, if their first degree does not meet this requirement. All trainees are expected to be competent and confident users of ICT and will be able to teach the new Computing programmes of study at Key Stages 3 and 4. Many of the trainees will also have attend a Subject Knowledge Enhancement course at the University prior to starting their PGCE.

Wherever possible we would like the trainees to have opportunity to deliver the new computing curriculum at both Key Stages 3 and 4. We would therefore encourage placement offers from schools already offering GCSE Computing or Computer Science at Key Stage 4. This may be in addition to GCSE ICT or vocational courses offered within the subject area, which will also enhance the trainee experience. If you have any queries please contact the Course Leader, Dawn Hewitson [dawn.hewitson@edgehill.ac.uk](mailto:dawn.hewitson@edgehill.ac.uk)

### English

Working in close partnership with our schools, we endeavour to provide our trainees with an experience of KS3, GCSE and, where possible, A Level teaching and learning through individual and team teaching opportunities. In order to develop our trainees to the highest standards, it is important that our schools can offer support with classroom management, the use of data and how ICT can be incorporated into lessons to enhance teaching and learning. It would be helpful to offer a range of observation within your department and to allow trainees access to teaching and learning with different groups of learners. By the end of their time on placement, we would expect trainees to be able to plan and deliver lessons that offer challenge and pace for learners. In addition, trainees should be able to mark and use assessment information to inform future planning and learner progress. For further information, please contact the Course Leader, Natalie Reynolds [reynoldn@edgehill.ac.uk](mailto:reynoldn@edgehill.ac.uk)

### Geography

We are looking to place trainees in departments who can give experience at both KS3 and KS4 and where available post 16. Ideally, they should also be provided with opportunities to experience fieldwork and GIS (Geographic Information Systems). The course highlights the latest developments within the academic discipline and encourages trainees to innovate in their geography teaching. Specifically, the subject course aims to help trainee teachers to:

- Explore, clarify and define the philosophies, principles and purposes of Geography education
- Understand the evolution of the 11-18 Geography curriculum in England
- Develop an extensive range of teaching methods, using a wide variety of resources

- Acquire a conceptual framework for the monitoring and assessment of pupils' achievements and progress, and learn to apply that framework to a range of variety of contexts
- Develop a self-critical, analytic approach to professional attainment If you have any queries please contact the Course Leader, Charles Rawding [rawdingc@edgehill.ac.uk](mailto:rawdingc@edgehill.ac.uk)

## **History**

We are looking to place trainees in schools where they will gain experience of History at Key Stages 3 and 4, plus Key Stage 5 if available. It will be useful for trainees to observe and gain feedback from a range of teachers in the History department. By the end of their training, we would expect that trainees have developed competence in helping pupils to develop a range of historical skills, such as using evidence, assessing causes and consequences and understanding different interpretations. Trainees would also be expected to be involved in assessing work produced by their classes and producing good quality feedback. If you have any queries please contact the Course Leader, Steve Illingsworth [illings@edgehill.ac.uk](mailto:illings@edgehill.ac.uk)

## **Religious Education**

We are looking to place trainees in departments who can give experience at both KS3 and KS4 and where available post 16 Religious Studies. We also value opportunities for trainees to contribute to PSHE, SMSC and Citizenship as appropriate. We prepare our trainees through a programme based on the principles of exploratory, pluralistic and non-confessional multi-faith RE. We promote the enquiry based approach to RE advocated by OfSTED 2013. The majority of our trainees will have attended a 10 day subject knowledge enhancement course providing a refresher for some, or a foundation for others, in the key principles and practices of the major world faiths. Throughout the RE course trainees are developing their professional networks through a series of subject knowledge field trips to faith communities in the North West. Our trainees attend sessions delivered by lead national RE practitioners in NATRE, experiential RE, RE and IT, and Holocaust study. As a member of our partnership we are able to offer you the opportunity to attend these sessions as part of our professional subject network.

On teaching placement our aspiration is for trainees to work in partnership to develop their professional experience on Phase 1, demonstrating greater autonomy and independence on Phase 2. School based mentor colleagues are supported through regular visits by experienced tutors. The tutor team work very closely with school based mentors and will provide additional support where necessary. If you have any queries please contact the Course Leader, Francis Farrell [farrellf@edgehill.ac.uk](mailto:farrellf@edgehill.ac.uk)

## **Mathematics**

Placements are designed to support the development of trainee teaching styles that enable pupils to gain effective knowledge, skills and understanding of the Mathematics curriculum. Trainees will need to be supported to develop their classroom management techniques and their effective use of Information Technology in teaching Mathematics while also exploring different approaches to assessing pupils' progress. Trainees are expected to teach Mathematics at Key Stage 3 and Key Stage 4 but some experience of teaching at A' level would be desirable for confident and competent trainees. If you have any further enquiries please contact the Course Leaders, Martin Pickett [pickettm@edgehill.ac.uk](mailto:pickettm@edgehill.ac.uk)

## **Physical Education**

We are looking to place trainees in schools where they will gain experience of Physical Education at Key Stages 3 and 4, plus Key Stage 5 if available. It will be useful for trainees to observe and gain feedback from a range of teachers in the Physical Education Department. By the end of their training, we would expect that trainees have developed competence in helping pupils to develop a range of practical skills reflecting the full National Curriculum, including gymnastics, dance and GCSE/Btec/A Level examinations. Trainees would also be expected to be involved in assessing work produced by their classes and producing good quality feedback. If you have any queries please contact the Course Leader, Rob Burgess [burgessr@edgehill.ac.uk](mailto:burgessr@edgehill.ac.uk)

## **Science (Biology)**

Trainees will complete directed and independent scientific study across Key Stages 3, 4 and 5 and be identified as a specialist in Biology. Placements will prepare trainees to teach across the National Curriculum for Science at Key Stage 3 (comprising physics, chemistry and biology content), they will be able to teach their subject specialism and contribute to other aspects at Key Stage 4, plus teach their subject specialism to Post-16 level (if available). If you have any queries please contact the Course Leader, Bernard Kerfoot [kerfootb@edgehill.ac.uk](mailto:kerfootb@edgehill.ac.uk)