Fylde Coast Teaching School Alliance
Partnership to promote excellence in teaching, learning and leadership

MATHS SKE
Maths Subject Knowledge Enhancement

Post ITE – Maths Subject Knowledge Enhancement

Audience: The course is designed for delegates who already have a basic knowledge of maths from previous study at GCSE, A level or Degree. Delegates may be:

- A specialist in another subject about to teach maths at KS3 or KS4 for the first time
- An experienced teacher of KS3 Mathematics who wishes to learn more about the mathematics at GCSE and how to teach it
- Wanting to develop your own subject knowledge to enable you to confidently and competently teach Higher tier GCSE Mathematics
- A teacher wishing to return to the profession to teach maths.
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Aims: The aim of the course is to develop your subject knowledge in mathematics to prepare you to teach the conceptual and applied aspects of the subject effectively, with competence, enthusiasm and confidence, to learners aged 11-16 years.
The course has been designed to achieve the following:
To address gaps in your subject knowledge and to gain a sound understanding of the content of mathematics in order to prepare you for teaching GCSE Mathematics up to Higher Tier;

- To develop your enthusiasm for working mathematically and to consider yourself as a mathematician;
- To inspire you to promote learning in mathematics that is challenging and engaging for all students;
- To identify and build upon your prior learning and develop your capacity for future self-study;
- To develop your confidence in mathematical problem solving:
- To understand how mathematics is applied in society;
- To develop an understanding of the connections that exist between topics in mathematics;
- To appreciate principles of effective pedagogy in mathematics teaching:
- To make you confident in the use of appropriate technology in the teaching and learning of mathematics.

How will I study? The course is divided into ten individual units that will be delivered over ten twilight sessions. This learning will be a blend of face-to-face sessions, presentations, online learning, and supported self-study.

How will I be assessed? There are no formal examinations. You will be assessed during the course by a series of short exercises and a presentation on a mathematical topic.

Cost: This course is part of a test and learn project. Places are free to all delegates. (Limited to 20)

To book, or for further information email: **info@fctsa.co.uk**
or call: **01253 394911**
For more information about any courses please visit:
www.fctsa.co.uk

Fylde Coast Teaching School Alliance
c/o Blackpool Sixth Form College
Blackpool Old Road, Blackpool
Lancashire FY3 7LR