

JO DENTON

OBJECTIVE

To enhance the learning experience and outcomes for students in their mathematics education, through dynamic teaching strategies, rich and engaging activities and developing transferable problem solving skills.

EXPERIENCE

Sep 2014-Present Queen Elizabeth's School Wimborne, Dorset

Lead Practitioner for Mathematics

- Supporting teacher development through a combination of Best Practice Briefings, developing the current assessment model for mathematics, writing a new KS4 scheme of learning for the new GCSE specifications and introducing group work and developing rich and engaging activities.

Jul 2007-Aug 2014 Glenmoor School Bournemouth, Dorset

Advanced Skills Teacher of Mathematics

- Helped raise outcomes at GCSE from 37% in 2007 to 66% in 2013 with 77% 3 Levels of Progress and significantly high value added.
- Supported students to achieve the school's first ever six A* grades in mathematics.
- Supported other teachers to be judged outstanding by Ofsted.
- Qualified as an AST in Nov 2010; previously Assistant Headteacher part funded by the LA to provide mathematics consultancy across Bournemouth.

Jan 2006-Jun 2007 Bournemouth Borough Council Dorset

Secondary Teaching and Learning Consultant: Mathematics

- Worked with senior staff, middle leaders and mathematics teachers, supporting the raising of KS3 and GCSE results across Bournemouth.
- Coached and team-taught with mathematics teachers to develop their practice.
- Delivered training and networks in teaching mathematics, numeracy across the curriculum and using digital technologies.

Sep 2003-Dec 2005 Highcliffe School Christchurch, Dorset

Deputy Head of Mathematics

- Teacher of Mathematics to Years 7-12 and form tutor to Years 7-9.
- Introduced department to a range of teaching and learning resources, instigating a move away from a textbook approach.
- Introduced target setting in mathematics using FFT data.

Sep 2000-Aug 2003 The Angmering School Angmering, West Sussex

Teacher of Mathematics, KS3 Curriculum Development

- Teacher of Mathematics to Years 7-12 and form tutor to Years 7-8.
- Developed engaging schemes of work with varied activities.
- Learning Support and Development Coordinator for Mathematics.

Jun 1994-Aug 1998 EF Language Travel Bognor Regis, West Sussex

Activity Organiser, Chief Leader, Teacher

- Taught English to 10-16 year old students from throughout Europe, Hong Kong and Indonesia.
- Responsible for students' welfare and organising a wide range of cultural and sporting activities.
- Supervised other teachers and leaders.

EDUCATION

2014-Present University of Warwick

- **Doctor of Education (EdD)**

Research focus on developing depth and variety of questioning in the mathematics classroom.

2012 - 2014 University of Warwick

- **MSc Mathematics Education**

Classification: Distinction

In 2012-13 developed a tool to analyse questioning types and techniques used in mathematics which was used to develop colleagues through AST role. Dissertation focused on working with colleagues to overcome the barriers to using group work in mathematics.

1999 – 2000 University of Exeter

- **PGCE Secondary Mathematics**

1994-1998 University of Wales, Aberystwyth

- **BA(Joint Hons) German and Pure Mathematics**

Classification: II(2)

1987-1994 Felpham Community College West Sussex

- **A Level Mathematics, German & Physics; AS Level Further Maths**
- **GCSE English Language, English Literature, Mathematics, Science (Double), Humanities, French, German, Business Studies & Drama.**

INTERESTS

My greatest passion outside mathematics is travel. I worked for a year as an English Language Assistant in Germany during my degree and spent the academic year 1998-99 travelling India and South-East Asia, and working and backpacking in Australia. I have also travelled Europe and worked in hospitality in Vienna. I was fortunate to be able to combine my love of maths and travel when I received a scholarship to spend a week with mathematics and science teachers from around the world at 'Space Camp for Educators' at the US Space and Rocket Centre in America, learning how space can be incorporated into learning. Since having a family we find adventures closer to home in our campervan!

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