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Ian King

Post applied for:

Insert your post here

Education

Stirling University 1988 - 1989

Certificate of Secondary Education (Computing Studies)
Master of Education (Dissertation topic: The use of programming plans in teaching declarative and procedural programming languages.)

Dundee College of Education /Dundee University 1976 - 1977

Certificate of Secondary Education (English)
Diploma in Education (University of Dundee)

Edinburgh University 1975 - 1976

Studied English and Scottish Literature in order to qualify for entrance to a College of Education.

Edinburgh University 1970 - 1974

MA Hons Mental Philosophy, specializing in Logic, Metaphysics and the Philosophy of Science.

George Watson's College Edinburgh. 1964 – 1970

Higher Grades: Maths A, Biology A, Physics A, Chemistry B, English B
S6: Computing, Applied Mathematics and Chemistry.

Employment

1989 - now: Principal Teacher of Computing Studies, Kelso High School

I am responsible for development and management of the school computer network, purchase, specification and installation of all IT equipment. I am currently responsible for managing the computing department, staff development in administrative and curricular IT, cross curricular IT, and organizing the school Computer Club. The department consists of myself, five members of other departments on a part time basis, and the school computing technician. I and the Depute are responsible for developing and implementing the school ICT policy ,

1981 - 1988: Teacher in secondary subjects, Skerries School, Shetland.

Taught Computing, Mathematics, PE, Music, Engineering Science and General Science. I was responsible for the creation of the computer department and helped with the development of TTNS network in Shetland. This enabled pupils to make innovative use of Email and other communications technologies to help compensate for the school's geographical isolation.

1979 - 1980: English Teacher (supply) Lothian Region

Taught for one year in Trinity Academy and in Castlebrae High School

1977 - 1978: Tutor in Life and Social Skills on Manpower Services Commission course for Tayside Regional Council

I also worked as a volunteer with the Tayside Adult Literacy Scheme.

**Professional
Development**

1989-2001 Network Manager and Principal Teacher of Computing at Kelso High School.

Member of a team of 3 NOF Trainers for Kelso High School. Training will take place this current session.

Currently working on an Excellence Fund project (Borders Study Support) to provide email support and subject links for pupils within Scottish Borders. The web site will also host live chat links between selected schools and staff, with the hope of developing this to include links to foreign exchange schools.

Along with a colleague in the Modern Languages department, I have recently completed a project for HSDU developing a CD providing internet resources for Higher and Advanced Higher French, German, Italian and Spanish. Prior to this we worked developing web-based resources for France-CD

My department has been innovative in using Prolog as a programming language at Higher, the development of web authoring skills in S3 and S4, and the use of the Internet as a research tool in S5 and S6. I have recently completed the development of a Higher programming course in Java, and an Intermediate 2 course in Visual Basic and additional support materials for Higher Artificial Intelligence.

Current ICT projects include: encouraging cross curricular use of the school intranet to provide learning resources for pupils, encouraging the use of a local news server and intranet for staff development, setting up and moderating a regional list-server for sharing teaching resources and enhancing communication between the primary and secondary sectors. Our school web site provides a wide range of resources used by other schools in the region.

I have a keen interest in networking technology and keep up to date with current developments via the Internet and professional journals. We were a pilot school for the government's NGFL project.

2003-2005 Developed Scholar materials for Higher and Advanced Higher Networking

2004-2005 Online tutor for Scholar Higher and Advanced Higher computing web-board.

2001-2003 NOF trainer for Kelso Higher School and Jedburgh Grammar School

1999-2000 Part of an team appointed by HMI to evaluate NOF training materials for ICT.

1999 Through our previous Rector, Mr. Alistair Johnston, we established links with a number of schools in Australia. I participated in a staff exchange with Brauer College, New South Wales in order to study a laptop project and to look at their ICT management at school and state level.

1994-2001 Assessor for CSYS Computing Studies projects.

**Professional
Development
(continued)**

- 1991-1999** Attended bi-annual RM seminars on Network management.
- 1992-1998** Member of the Scottish Borders Council Education Service ICT group, responsible for developing a regional policy for the delivery of Information and Communications Technology within Education. Previously a member of Borders Region 5-14 Micro-computing group. The group was responsible for developing a coherent policy for Information Technology in the Primary Sector, and for providing the directorate with an IT development plan.
- 1998** 4 Day RM Connect Network Managers course
- 1997** 6 week evening course in Java for Programmers at Heriot Watt University.
- 1995-1996** Setter for CSYS Computing Studies.
- 1993-1995** Member of EIS Consultative Committee on Computing Studies.
- 1993-1995** Moderator for Higher Computing Studies investigations.
- 1990-1994** Regional Trainer in Computing Studies for Borders Region, responsible for providing technical and network support to the other Borders secondary schools, helping to organize and deliver staff development. I was responsible for the development of a number of curricular materials for S1, Standard Grade and Higher courses. The post ceased to exist in 1994 due to lack of funding.
- 1990** Developed alternative Revised Standard Grade course with five colleagues from Moray House, Stirling University, Central, Lothian, and Fife Regions.
- 1988** Participated in an electronic communications course organized by the Hampshire Information Technology Centre, conducted entirely by electronic mail using the Caucus Computer Conferencing system. Through this course I developed expertise in Viewdata systems, electronic mail, on-line databases and the curricular use of international communications.

Additional Information

Network Management

I have built up the current school network from scratch to a 3 server multi-platform network which extends to every department in the school. We were the first school in our Region to set up networked Internet access and email.

Cross Curricular Developments

I manage the school Intranet, currently serving the Modern Languages, Business Studies, History, English, Chemistry, Biology and Geography departments, and maintain a school web site on a local Tweednet server. I am pro-active in the development of curricular use of the Internet and am responsible for training staff and pupils in the use of these facilities.

Technical Expertise

I have developed expertise in multi-server networks, OS/2, NT4, TCP/IP, Email and Intranet servers, Internet gateways and other aspects of modern networking technology.

Strategic Planning

I have recently completed a whole school ICT development plan, with emphasis on open access throughout the school, to encourage maximum use of the ICT facilities by both staff and pupils.

Primary Secondary Liaison

I encourage our feeder primary schools to make use of our (staff and pupil) expertise and to take advantage of our network facilities, and have recently been working with P7 classes in two schools, helping them to create their own web sites. Our web site hosts a primary internet resources section used by many local primary teachers.

Liaison with Universities and Industry

I have links with the Computing Department of Heriot Watt University, and we have acted as a client for a number of final year student projects. I have links with our local Internet Service Provider (Calligrafix) who currently employ three of our recent 6th year pupils during their university holidays.

Staff Development

I and two other colleagues are the NOF trainers for our school. I run regular staff development courses in the administrative uses of Information Technology, curricular use of the Internet, Email and departmental use of the Phoenix administrative software.

Links with Colleagues

I am in regular contact with colleagues in schools and colleges around the country who subscribe to technical and educational list servers or newsgroups. I run a list-server from our school which keeps colleagues in the Borders in touch with each other.

Interests

African pop music, cycling, computer programming, organic gardening, traditional Scottish fiddle, philosophy of artificial intelligence.

References

1. Mr. C Robertson
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2. Mr. J Walsh
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3. Mr Neil Horne
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