TABLE 1: TiPS Research Projects

Teacher	Subject	Yr/ability group/set	Focus of lesson series	Focus of pupil activity during observed lessons
AI	English	Yr 9 middle ability	Computer-based work on the theme of 'homelessness' and study of Macbeth	L1. Composition of letter based on character from 'Stone Cold' L2. Analysis of themes from Macbeth speech by re-formatting text
LR	English	Yr 8 (boys) higher ability	Use of ICT for identifying poetic techniques, textual form and structure	Identifying poetic techniques and impact on meaning with reference to structure of ballads by re-formatting text
RE		Yr 8 (girls) higher ability		Identifying poetic techniques and impact on meaning with reference to sonnets by re-formatting text
RA	English	Yr 7	Use of ICT to support presentation of Internet-based material on vampires	Ongoing production of presentation on vampires using choice of formats including scanning into PowerPoint.
YL		Yr 13	Use of DTP and web-authoring packages for re-versioning material on vampires for Yr 7	Internet research on vampires, considering relevance and suitability for purpose (producing a CD-ROM entry for Yr 7)
AY	History	Yr 9 higher ability	Use of the Internet and other resources to support project work on the First World War	Researching reasons for battle of Vimy Ridge using resources on school Intranet
OL		Yr 9 higher ability		Considering how artists depicted aspects of war by viewing Intranet gallery of pictures from an on-line exhibition.
LL	Classics	Yr 10 mixed ability	Developing search skills through Internet research about Roman Life	L1. Book-based research on self-selected topic of Roman Life L2. Internet research on the chosen topic of Roman Life
DD	Geography	Yr 9 lower ability	Guided use of the Internet to support study of 'Development' and geographic review of Brazil	Producing a postcard from Brazil using electronic images; pasting into Word and adding suitable captions.
DR	Geography	Yr 8	Use of computer based resources to support study of rivers and flooding	Construction of a flood protection plan for an imaginary village using Word and Paint
FC		Yr 9	Use of computer based resources to support study of Italy	Internet research on renewable energy; activity based on Italian ski resort scenario
OT	Science	Yr 9	Exploring effective use of the Internet in studying the solar system	Internet research on early models of solar system in preparation for pupil presentations on this topic.
VM		Yr 12	Exploring effective use of the Internet in studying ecosystems	Mini-project to investigate biomes (deserts/rainforests); including research on key terms and exploring a virtual tour on the Internet
JN	Technology	Yr 9 mixed ability	Use of a technical drawing package to support teaching of orthographic projection	Producing scale drawings of wooden boxes using Autocad
KE	Technology	Yr 10 mixed ability	Use of simulation software to support teaching and learning of electronic theory	L1. Using Crocodile Clips to construct circuits using relay switches L2. Exploring logic gates and constructing truth tables

Brackets indicate that teachers worked together on their research studies. We observed AI and KE's lessons on two occasions (L1 & L2) – providing opportunities to pilot our observation and interview schedules. LL's lessons offered a rare opportunity to observe lessons without and with ICT.