

PiNest1 is an independent University of Bradford based student/tutor computing training Hub:-

The PiNest1 hub has been established to offer a short basic starter course for tutors (and students) to further develop their computing skills. The project is designed around the [Raspberry Pi](#) micro computer, showing tutors and students the benefits available now with the Pi, helping them to develop and learn basic computing skills. The courses will be held in the brand new re:centre on the University of Bradford campus.

We have created a PiNest hub where participants will be working with a small group of people who want you to develop a basic operating skill and understanding in the use of computing whilst here. Our aim is to provide you with an experienced and friendly environment in which to learn how the Raspberry Pi operates.

Our Reason for setting up PiNest1 at the University is to encourage and engage students to participate in the ongoing future development of the ability to monitor the movement of various substances, such as Compressed Air, Gases, Water and other pipeline transportable products using Harmonics, with additional medical projects planned for the future. The re:centre is ideally situated in the middle of the University of Bradford's campus and has such in the perfect position for a tutor student training facility.

The [Intenwatch](#) Raspberry Pi based [Smart Electricity Metering](#) operating system was developed after several meetings and discussions with a number of people over recent years and with the help of the Halam University Sheffield, the University of Bradford and not least some of the people involved with the Leeds Hackspace. It has now evolved into a platform for a number of additional projects, the development of a tutor and student computing Pi Hub being one of them, based in the state of the art [re:centre](#) facility at the University of Bradford. PiNest1.

The Raspberry Pi is a credit-card sized powerful microcomputer.

The Raspberry Pi which is a low cost Micro Computer and the ancillary equipment which complements it is being constantly developed and upgraded by [Farnell](#) Electronics, element14 and others; its primary purpose is as a computing learning system to help students to learn all about the Raspberry Pi and computing and also assist the skill development, in accessing and utilizing the Web for the controlling of systems remotely using the Raspberry Pi.



Paul Cannon

School computing information



Department
for Education

Schools

On 3 May the Secretary of State for Education confirmed that, following the recent public consultation on proposals to reform the national curriculum, the government's intention remains that the national curriculum subject of information and communication technology (ICT) should be replaced by computing from September 2014. He also confirmed that the government intends to go ahead with its proposal to dis apply elements of the existing national curriculum from September 2013.

A statutory 1-month consultation on the legislation to replace ICT with computing and dis apply elements of the existing national curriculum closed on 3 June. The [reports summarising the consultation responses received on these matters](#) have been published and the proposed orders have now been laid for debate in, and approval by, Parliament.

Background on the replacement of ICT with computing

Having carefully considered the responses to the recent public consultation, the government has confirmed that it intends to proceed to replace the existing ICT curriculum with a new computing curriculum. ICT as a subject name carries negative connotations of a dated and unchallenging curriculum that does not serve the needs and ambitions of pupils. Changing the subject name of ICT to computing will not only improve the status of the subject but also more accurately reflect the breadth of content included in the proposed new programs of study

Consultation on computing and disapplication of the current national curriculum.