**Technology Enhanced Learning Strategy 2012**

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*The University Draft TEL Strategy comprises a suite of documents:*

* *A TEL Strategy setting out the principles of our approach (attached) ;*
* *A TEL Roadmap that underpins the Strategic Aims, a resource for developing workstreams, and identifying principles and outcome objectives for potential projects;*
* *A Key Challenges and Trends paper that will be revised periodically in light of international annual trends assessments such as ECAR, the HE Horizon Scan and internal staff and student surveying.*

*The Roadmap produced as part of this process, seeks to capture the direction of travel and to group the key themes and possible future work streams. It has sought to capture all key story lines, so as to reassure people as to how their particular perspective and priorities are reflected within the approach. The document will become a core resource document for use during implementation, regularly revisited, as the TEL Strategy itself is short and seeks to capture the principles of the approach rather than a detailed priority list.*

**OUTCOME**

**The outcome of the TEL Strategy will be a future state in which:**

* **The Bristol Experience will be globally-connected, future aware and research intensive, producing communities of active independent learners grounded in core disciplinary research, understanding how their disciplines are responding to technological change;**
* **The Bristol Experience will integrate living and learning to provide the very best education seamlessly supported by technology;**
* **A University that can act pro-actively and reactively in a timely fashion to the appropriate educational use of future technologies for teaching and learning;**
* **Academics are supported to be creative and able to focus on the intellectual interchange with students, not the administrative processes that support learning.**

The Bristol Student Experience we aim for is articulated in the University Education Strategy as being defined, inter alia, by a stimulating and supportive environment, students working in partnership with each other and academics, independent active learning, innovative programmes and methods. Technology in itself does not deliver any of these aims. Poor quality technology can inhibit the experience, good quality technology can enrich the Bristol teaching and learning experience for staff and students.

**THE FIVE GOALS**

The Focus of the TEL Strategy is upon how we can use technology to support, the Bristol Experience.

We will prioritise those things which will assist in delivery of our educational vision, rather than starting from the availability of a particular technology.

We see students as part of a community of scholars, not as consumers of a service. The face to face intellectual encounter will remain the focal point of the Bristol Experience.

We will use technology to enhance the Bristol Experience within that community for students and academics by :

1. **Enhancing convenience for students and staff**
2. **Empowering students and staff with enhanced learning environments and activities**
3. **Engagement - supporting the lifelong intellectual relationship**
4. **Enhancing the reputation of the University as a centre of excellence**
5. **Delivering high quality, reliable, efficient, integrated, intuitive, user experience focussed solutions and support**
6. **Convenience**
   * Enabling students and staff to get access wherever and whenever they wish on the devices and platforms of their choice to academic and organisational sources – the Mobile University.
   * Enabling students and academics to gain effective benefit from technology that is [already] available.
7. **Empowering - supporting face to face learning** 
   * Supporting face to face learning , before, during and after the class enabling the class to focus upon rich research facing experience
   * Providing Personalised learning and learning environments
   * Supporting active, collaborative and participatory learning
   * Developing digital literacy and employability
   * Supporting initiatives to develop learning design and practice
   * Enabling students to be practitioners of their research discipline
   * Supporting the academic creative process of developing teaching and learning
8. **Engagement - supporting the lifelong intellectual relationship**
   * between the University and our students
   * with the wider intellectual community
9. **Enhancing the reputation of the University**

* A TEL centre of excellence as an institution as well as in pockets ranking as a world leader
* Celebrating the quality of current innovation
* The adoption by other universities of our innovative methods and materials
* Students will cite the quality of our TEL as a reason for studying here

1. **Delivering high quality, reliable, efficient, integrated, intuitive, user experience focussed solutions and support**
   * Maturing the technical infrastructure to ensure reliability and resilience

**OUR PRIORITY: GETTING THE BASICS RIGHT**

*Bristol must consolidate and strengthen its engagement with TEL to strengthen the consistent quality of student experience and enable Bristol to become a TEL centre of excellence as an institution as well as in pockets - ranking as a world leader.*

This is the principal message from a process that has included reviews of emerging TEL trends, assessment of Bristol’s TEL provision compared to our peers, and workshops, focus groups and interviews with staff and students.

**A number of key messages that form the basis of the approach have consistently emerged:**

* Prioritising those things which will assist in delivery of our education vision, rather than starting from the availability of a particular technology
* Enhancing the user experience for students, academics and support staff
* Stabilising the technical infrastructure to ensure reliability and quality
* Enhancing the exploitation of existing resources before developing new initiatives
* Enhancing clarity in relation to centrally supported systems and ensuring their consistent use
* Deploying centrally supported systems to provide the services that currently local systems provide
* A seamless user experience – consistent, coherent and unified view
* A rejection of the myth of the digital native, prioritizing ease of access, and the provision of digital literacy support and training for staff and students,
* Making the most internationally of our areas of excellence

**Year 1**

The Roadmap provides for a rolling five year programme of activities. The priorities for the first year are:

1. Clear understanding of the educational practices we want to encourage:
   1. Improved sharing of good practice
   2. Modelling and supporting desired practice
   3. Recognising achievement and progress
   4. Identifying opportunities for change
   5. Promoting internally and externally our areas of excellence
   6. Student engagement with academics to identify good practice and opportunities for future development.
2. Effective support to staff and students:
   1. Creating a digital literacy strategy for staff and students
   2. Building confidence and empowering innovation
   3. Professional support for materials development and evidence based expansion of effective methods
   4. Getting the best use of current systems
   5. Using current opportunities to develop personalisation and collaboration
   6. Freeing up academic time to enable them to invest in developing and delivering innovation – in the same way as we use research leave to enable investment in research innovation.
   7. Change management support to underpin the processes.
3. Reliable and integrated infrastructure of simple to use systems:
   1. Do the basics better – making IT work well, with the right technical support
   2. Better user experience by design
   3. Better user experience by support for diverse platforms and mobile access
   4. Better user experience by better use and re-use of data
   5. Better user experience by adopting a Mobile University approach