

FE and Skills: vision

Now

2020



FE and Skills: what could Jisc contribute?

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<p>Jisc R&D</p>	<p>This vision explores issues that will pose significant challenges to the FE and Skills sector. If we are ambitious and move fast then all these challenges can be met using technology. At Jisc, we aim to utilise the power of our network to deliver that technology by working with providers and organisations from all sectors. Some of our existing projects have started to address the vision. Some areas of the vision will require new development work. In all our work we will follow these principles:</p> <ul style="list-style-type: none"> » Wherever possible, we will seek to work with existing technology and experts rather than starting from scratch » We will work closely with providers to scope and develop solutions » We will use a variety of approaches to acquire funding for development work » We will move fast by focusing on a small number of the most pressing challenges <p>This page of the vision will continue to change and develop as new ideas emerge or existing ones develop.</p>			
<p>Learning environment</p>	<p>Systems procurement Jisc works with commercial suppliers to provide cost effective and integrated learning environment, finance, human resources and student management systems.</p>	<p>Seamless enrolment What if one online application gave the college all the information it needs and applying to college was as easy and secure as shopping online?</p>	<p>Learning resource centre What if there was a virtual learning resource experience to give all students seamless access to inclusive and accessible resources?</p>	
<p>Data</p>	<p>Learning analytics service and learner app Jisc works in partnership with learning providers and commercial suppliers to provide an effective learning analytics solution.</p>	<p>Adaptive learning system Can Jisc work with relevant partners to develop a new type of learning management system that adapts to student needs based on learning analytics and other data?</p>	<p>Personalised education What if learners had an app that could make recommendations on assignment and module choices based on the job they want?</p>	<p>College analytics Could Jisc work with partners to deliver a suite of tools and dashboards that colleges can use to make data driven decisions?</p>
<p>Expertise</p>	<p>Online CPD service Jisc is developing a service to improve the digital technology skills of practitioners.</p>	<p>Digital skills Could a tool be developed to embed the necessary digital skills of future employees?</p>	<p>Employability Could a tool be created to begin the recruitment process during the time when learners can best demonstrate their skills?</p>	<p>Skills showcase What if learners could demonstrate to employers the practical skills they acquire while training in order to progress to apprenticeships?</p>

FE and Skills: vignettes

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Brenda

College finance director

1. Make savings and increase efficiencies without sacrificing quality

Brenda is delighted that moving all their corporate systems to shared cloud hosted systems improved performance and reduced costs. Shared student records and resource management systems have reduced the college annual operating budget.

2. Access to data to produce reports quickly

The new reporting tool allows Brenda's team to produce the reports they need in a fraction of the time it took previously. This has freed up more time to spend on collecting and analysing business intelligence to produce actionable insights that can improve the way the college operates and makes decisions.

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David

Vice principal

1. Make the application process easier for students and the college

The online application process and integrated systems makes life much easier for him as it speeds up enrolment and increases accuracy, providing timely data reports to funders, which allows him to plan effectively and maximise resource efficiency.

2. Increase learner satisfaction and retention

David has invested in a new personalised learning platform that better meets learners evolving demands and allows him to meet targets for increased learner satisfaction. The platform is linked to a learner analytics service that has increased student retention rates by allowing early intervention with 'at risk' students.

3. Find new ways to work with local businesses

Business intelligence dashboards have helped match college courses with local labour market demands increasing the amount of learners who successfully find employment after graduation.

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Steve

Aspiring plumbing apprentice

1. Develop relevant skills

Steve is confident he has the digital skills employers are seeking and is looking forward to further developing these as he studies his apprenticeship so that he can eventually start his own business.

2. Find an employer and apprenticeship while at college

Steve has three employers interested in taking him on. Steve uses an app to collate photos and video of him demonstrating the vocational skills that employers have said they are most interested in. The app also records his attendance and punctuality at the college, and is endorsed by his lecturer so employers can be sure he will be an effective employee.

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Claire

Digital marketing apprentice

1. Make the right choices that will lead to a sustainable career

Claire uses her career pathway tool to plan her progression options. Then she uses the learning analytics app to plan her study to keep her on track towards her employment goals.

2. Plan her study so it fits her life and goals

Claire is a heavy user of the colleges online learning services and having anytime access to the online library helps Claire study flexibly allowing her more time to focus on extra curricular activities that improve her chance of finding the job she wants.

3. Showcase her full range of skills to potential employers

Claire links completed examples of her creativity and projects she has undertaken to her professional profile, so that employers can follow her progress and seek her out. Based on her profile Claire lands a job with an exciting local company.

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Paul

Learner with specific learning difficulties

1. Personalisable college systems that meet his learning needs

Paul knows that no matter where he decides to work, whether on campus or off, his personal settings will be ready and waiting on whatever device he uses.

2. Access to accessible and inclusive apps and content that help him study

When he arrived at college Paul was nervous about technology, but now, thanks to personal support, Paul knows where to find accessible apps that he can use in his study. Thanks to these apps and to high quality, easy to access online resources, Paul is much more confident about achieving his learning goals.

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Jennifer

Local employer

1. Wants to work with her local college to recruit young people with the right skills for her business

Jennifer works directly with the college to develop employment focused learning, she uses the colleges online learning tools to expose learners to real work activities. Jennifer spends a small amount of time each week engaging with learners via the online platforms. Thanks to this direct input Jennifer gets most of her new employees and apprentices directly from the college because she knows she can rely on their quality.

2. Wants to make her recruitment process as efficient as possible

Jennifer uses the apprentice app to view profiles and assess employability in advance of the interview making the recruitment process quicker, cheaper and easier for her.