



Further Education Showcase Session

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Practice Labs



CPD, Professional Development and other engagement programmes from Microsoft

22 June 2018



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Microsoft FE Focused Team



Microsoft FE Focused Team



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Microsoft's Mission

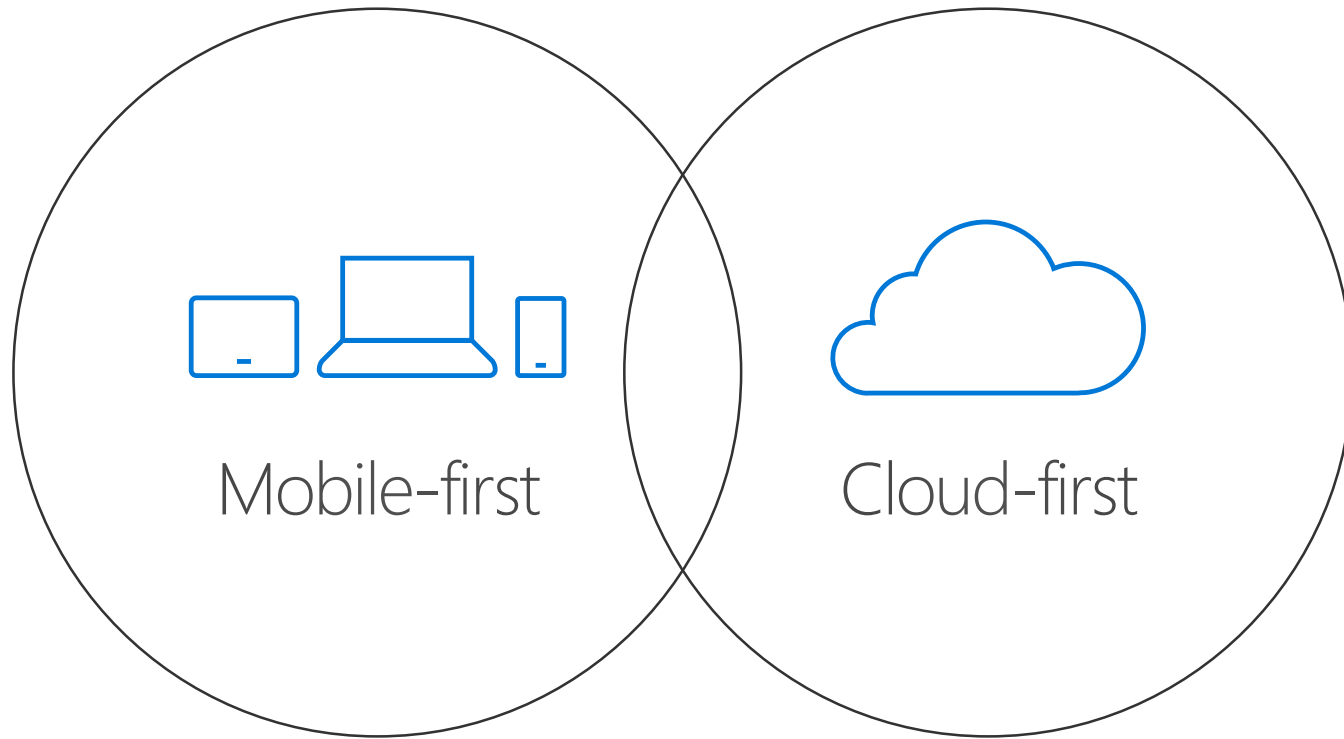
To Democratize AI And
Empower Every Person And
Every Organisation On The
Planet To Achieve More



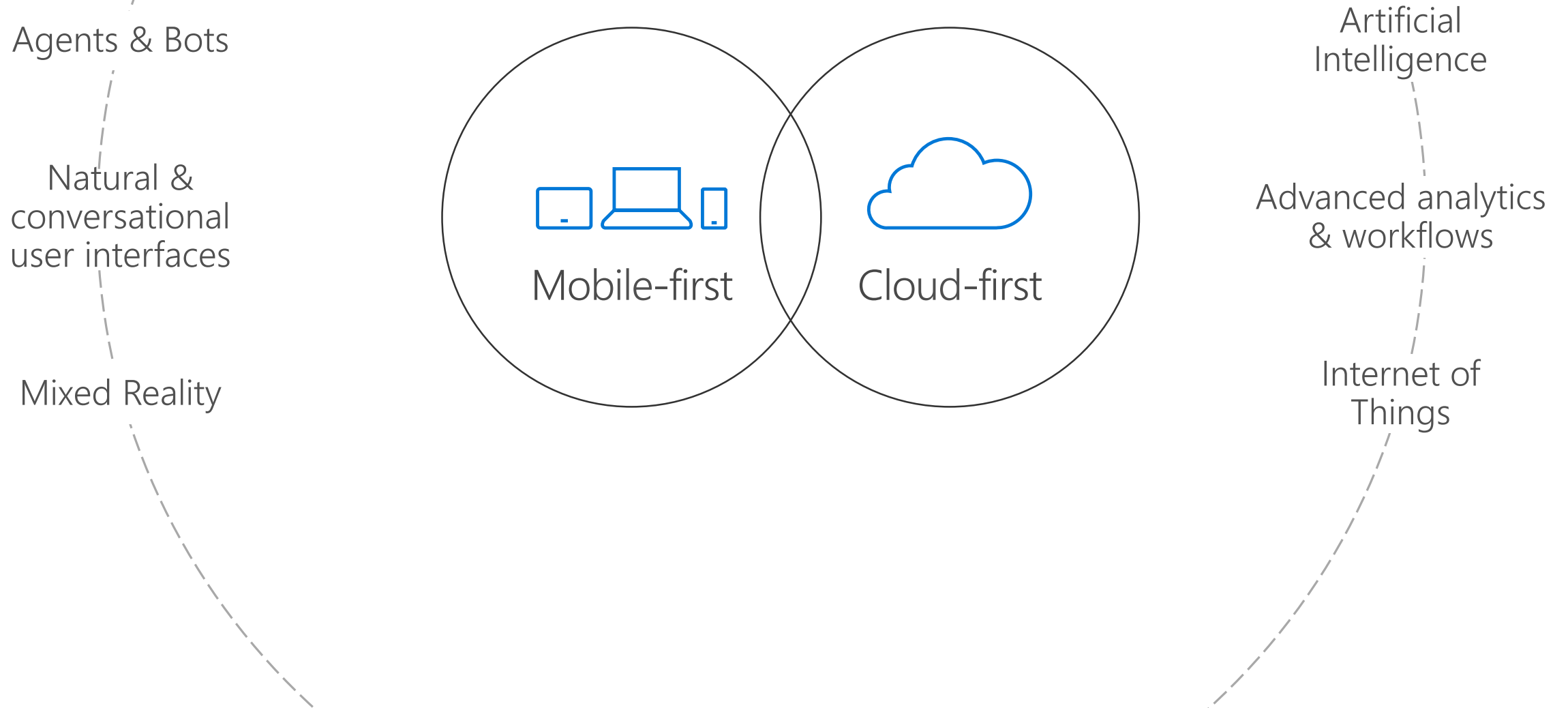
“As a culture, we are moving from
a group of people who **know it all**
to a group of people who need
to **learn it all**”

Satya Nadella, CEO, Microsoft

Microsoft's worldview



Microsoft's worldview



WE ARE IN THE BUSINESS OF LEARNING



WE ARE IN THE BUSINESS OF LEARNING

FORMAL

HIGHLY CURATED

INDIVIDUAL

CONSUMPTION

TEACHING

PROCTORED

GLOBAL SCALE

MOMENT IN TIME

CENTRALIZED

SINGLE-CHANNEL

WE ARE IN THE BUSINESS OF LEARNING

INFORMAL
FORMAL

SOCIALLY FILTERED
HIGHLY CURATED

COMMUNITY
INDIVIDUAL

CONTRIBUTION
CONSUMPTION

LEARNING
TEACHING

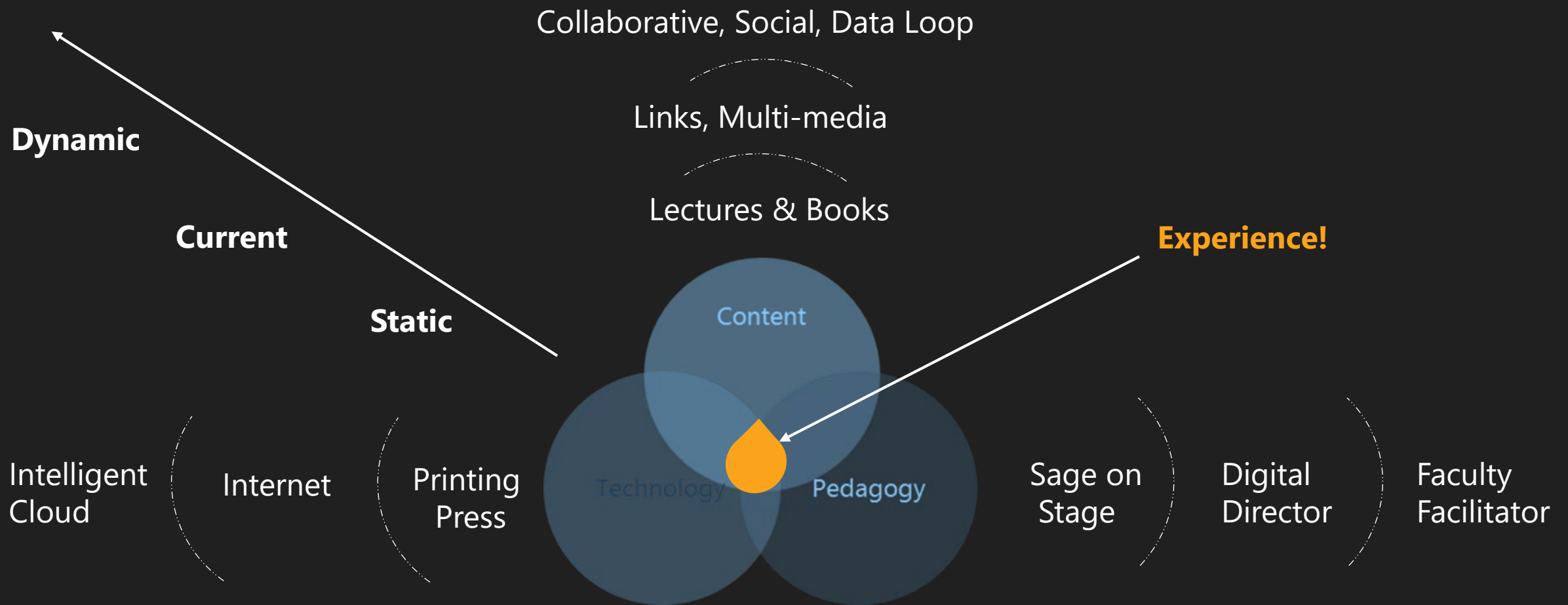
PEER REVIEWED
PROCTORED

LOCAL RELEVANCE
GLOBAL SCALE

ALWAYS ON
MOMENT IN TIME

FEDERATED
CENTRALIZED

OMNI-CHANNEL
SINGLE-CHANNEL



Scott Moore, Extension Engine

Evolution of Content, Pedagogy, Technology



Engagement Programmes from Microsoft for HE and FE in the UK : June 2018



Unlock Limitless Learning

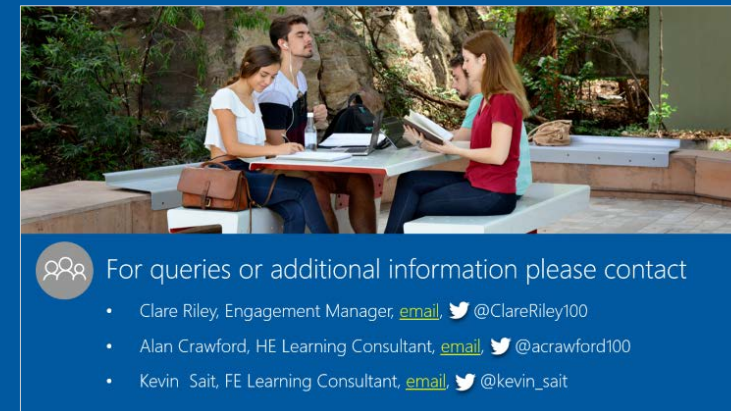
Welcome to this collection of resources from Microsoft to support FE and HE in the UK. This is a quick and easy way of sharing links for:

- Free continuing professional development for faculty
- Curriculum and certification for students
- Innovation projects

The information here will be kept current and you can always access / share this pdf at this [link](#)

For more about Microsoft's mission, products and services, please visit <https://www.microsoft.com/en-gb/education>

Click on the images to navigate through the different sections





Microsoft Engagement Programmes for Faculty



Professional Development (CPD): The MEC

- Free scenario based training for educators to earn certificates and badges
- All found in the Microsoft Educator Community also known as the MEC

The screenshot displays the Microsoft Educator Community (MEC) interface. On the left is a navigation sidebar with links to 'Microsoft Educator Community home', 'Microsoft Innovative Educator (MIE) programs', 'Badges, points, and certificates', 'Courses and resources', 'Courses' (highlighted), 'Resources', 'Webinars', 'Quick tip videos', 'Skype in the Classroom', 'Find, create, and share a lesson', 'Connect and share with educators', 'School Leaders Toolkit', and 'Higher Education'. The main content area features a banner for the 'Office 365 Teacher Academy' course, posted on 27/11/2017. Below the banner, it shows 'COMPLETED 0 / 12' and 'DURATION 10:15'. A description states: 'Office 365 provides the right environment for better learning outcomes. In this learning path, educators will learn how to become more innovative with cloud-based tools, regardless of the device they use. In this course, learn how to use basic features of Office 365 including Microsoft Teams, OneNote, Sway, Microsoft Forms, Office Online and OneDrive.' To the right of the description are two badges and a 'POINTS 5000' indicator. Below this is a table of course modules.

TITLE AND DESCRIPTION	CREATED	DURATION	STATUS
<p>REQUIRED Streamline efficiency with Office 365 apps Office 365 provides the right environment for better learning outcomes. In this introduction to Office 365, educators will learn how to become more innovative with cloud-based tools, regardless of the device they use. This course is aimed at 120 291 1612</p>	21/11/2017	1 Hours	Get Started
<p>REQUIRED Meet Microsoft Teams Get started with a hub for teamwork in Office 365 for Education. Microsoft Teams is a digital hub that brings conversations, content, and apps together in a single experience in Office 365 for Education. Using Teams, teachers can move 212 591 136</p>	13/06/2017	15 Minutes	Get Started
<p>REQUIRED Introduction to Microsoft Teams – the digital hub for educators and students Microsoft Teams is a digital hub that brings conversations, content, and apps together in one place. Educators can create collaborative classrooms, connect in Professional Learning Communities, and communicate with school staff all from 323 887 3798</p>	06/10/2017	45 Minutes	Get Started



CPD : example courses

- Pedagogy:
 - [21st Century Learning Design](#)
- Teaching and Learning
 - [Cultivating collaboration](#)
 - [Creating authentic assessments](#)
 - [Authoring accessible content](#)
 - [A digital hub for faculty and students](#)
 - [Integrating OneNote with your Learning Management System](#)
- Saving time, personal productivity
 - [Streamline efficiency with Office 365 Apps](#)



CPD: ways of deploying Microsoft courses

- Grass Roots / Organic
Posters, emails, templates to encourage individual engagement
- Structured CPD
Integrating Microsoft Courses & Resources within an institution-wide programme



Microsoft Professional Development for Educators

Microsoft Education

Empowering every student on the planet to achieve more begins with empowering educators. In order to unleash successful transformation of teaching and learning through effective use of technology, it is critical that teacher and leader capacity is supported and nurtured through supportive professional learning experiences.

77% educators say that "adoption of new initiatives without proper training or professional development" is the primary reason for workplace stress¹. From face-to-face to online experiences available on-demand, Microsoft's comprehensive portfolio of free professional development opportunities supports your journey to acquire new skills and share those skills collaboratively.

Microsoft Educator Community offers educators a full range of resources and professional development that showcase how pedagogy and technology work best together. Learn to use Microsoft technology in the classroom, stay current, and connect with peers. The professional development on the Microsoft Educator Community includes everything from 7-5 minute quick-tip videos to recorded webinars to product training, ranging from short 30-minute courses to in-depth, 20-hour robust learning paths.

Global Training Partners are experts in delivering in-person training on Microsoft tools for educators and can work with schools to help deliver a comprehensive, long-term professional development plan. Our training partners deliver Microsoft Innovative Educator (MIE) Academy trainings, but also customize relevant training on topics top of mind for educators and schools in their area.

Additionally, Microsoft Showcase Schools, MIE Trainers and Teacher Ambassadors organize training events locally. These can be found from the Education Events Calendar: www.microsoft.com/en-us/education/training-and-events/events-calendar/

Start today!

- 1 Sign up to the Educator Community
- 2 Check out the trainings in your locale
- 3 Contact a training partner

www.microsoft.com/education

16-2015 survey by the American Federation of Teachers



01 Future Facing Learning

This session ...

- 1 Takes place in our new digital learning classroom, we will introduce you to the **Future Facing Learning** principles.
- 2 Provide an opportunity to think about new practices and ideas whilst working with your peers.
- 3 Introduces you to the Jisc Discovery Tool as part of your ongoing digital upskilling which will help frame your digital development in a professional context.

Future Facing Learning

- Deploying Content
- Promoting Curation
- Fostering Collaboration
- Nurturing Creation
- Measuring Impact

Jisc

Computing the Jisc Discovery tool will enable you for the changing digital environment.

MIE EXPERT

Over the course of the programme points are awarded to achieve Microsoft Innovative Educator Expert (MIEE) status.

UKPSF aligned

The FFL programme key learning objectives are aligned to the Dimensions of the UK Professional Standards Framework.

Reading list

Bennett, S., Maton, K., and Kevin, L., (2008). The 'digital natives' debate: A critical review of the evidence. *British Journal of Educational Technology*, 39(5), pp.775-786.

Toolkit

The programme is supported by Microsoft Office 365 and apps for Future Facing Learning.

Teesside University **LTE** **Microsoft**



Professional Development: Navigation

We know it can be hard to find the right course or resource so we are experimenting with navigation.

This little model has a bronze / silver / gold pathway where you can see, at a click, which of the JISC digital capabilities are delivered at that level – and which Microsoft resources are ideal for that stage

Hope this is helpful for you



Designing Professional Development programmes for your college or university

This presentation provides a quick and easy way of finding great professional development resources from Microsoft and understanding how they deliver aspects of the JISC digital capabilities framework. Our goal is to model a progressive pathway for each of the personas found in academic institutions and this first presentation is designed for lecturers, such as Abigail. Clicking on the Bronze, Silver or Gold icons below will take you to a friendly overview of that "level". Hover over the icons in each "postcard" to click through to the associated digital capabilities or to the relevant courses and resources from Microsoft. (Home pages for all the Microsoft resources are here )


We hope our collaboration has produced a useful map and navigation for those designing professional development in UK colleges and universities and we'd love your [feedback](#), to help us shape similar overviews for different roles.

Nevin Moledina
Leicester University

Penny Langford
Milton Keynes College

Shri Footring
JISC

Clare Riley
Microsoft

**Bronze****Silver****Gold**



Abigail Academic

- Has worked as a Lecturer in English Language for 8 years
- 46 years old
- Lives in Milton Mowbray and commutes to the University by train every day
- Specialises in sociolinguistics research, and has authored over 12 different books
- Regularly purchases books for her Kindle, which she takes on her commute to work everyday
- Owns an iPhone and a Kindle
- Loves to read, and runs a book group at her local pub. She also enjoys visiting art galleries

Universities and colleges have academic staff who perform a variety of teaching and administrative duties. Within a university, many academic staff also undertake research. Teaching staff have a wide range of attitudes to IT and differing levels of digital literacy so this persona attempts to accommodate several characteristics of this group of staff.

Goals and tasks

- Abigail delivers lectures, using PowerPoint to create slides and often printing these as hand-outs for her students. She also records the lectures and puts these on the VLE for her students to view, as well as other course materials
- When she has the time, Abigail conducts her own research.
- A lot of her time is taken up by administration, such as using recording student marks

Attitudes

Speak to me like a human not a computer

I need technical support in lectures the first time I try something new!

Why is it such a quest to get the help I need? I feel like I'm constantly hitting a brick wall

I prefer the personal approach of having someone to ask directly

I really don't have enough time to learn new things

Follow the breadcrumbs? What are you talking about?

If you are teaching you need some things done urgently

When you're extremely busy it's hard to keep track of everything that pops up in your emails

Frustrations

- Not knowing how her issues are being resolved and the and not getting a clear answer
- She wants help at the point of need – she doesn't want to wait and be put in a queue
- She is pressed for time and unintuitive systems frustrate her
- Keeping on top of her emails

Environment and skill

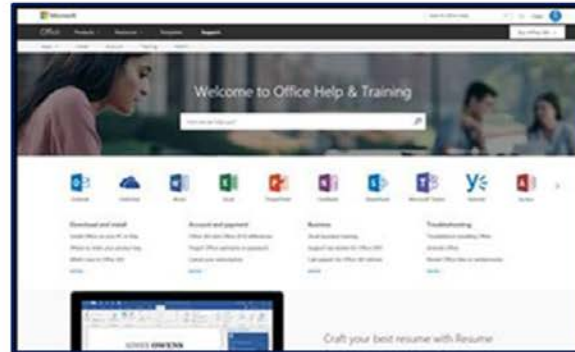
- She doesn't consider herself an expert, but knows enough to do her job. She does require help using new technologies
- She works at her desk but often works away when conducting research; she typically uses her personal laptop for this

You can also find this information in the MEC at the [FE](#) and [HE](#) page

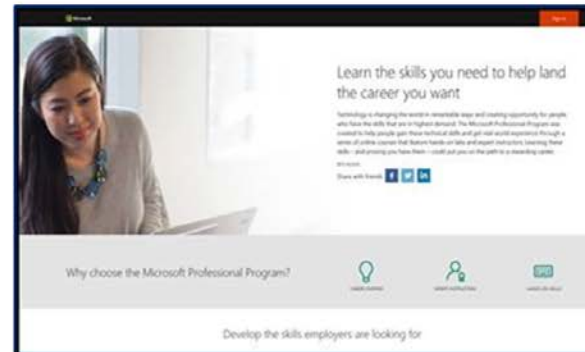


Professional Development: other resources

Each of the tiles to the right takes you to the different (free) resources for training and professional skills



The [Office Support Centre](#) has videos / info / quick start info for the Office 365 suite



[Microsoft Professional Programmes](#) - Role-based training for the technical jobs most in demand



The [Microsoft Educator Community](#) has contextual and scenario-based training for educators



[Microsoft Digital Skills Programme](#) free courses from basic digital literacy through to advanced cloud technology skills.



Communities and Conversations

In addition to finding relevant training and earning badges on the Microsoft Educator Community (MEC), this is a one-stop-shop for FE and HE to connect and collaborate

HE link – <https://education.microsoft.com/HE>

FE link – <https://education.microsoft.com/FE>





Communities and Conversations

Email join@msedu.co.uk to join the HE/FE Yammer community, where the evolving conversations occur and documents are shared.





Blogs & Events

- [Global Microsoft Education Blog](#)
- [UK Microsoft Educators Blog](#)

Join us at the MS Roadshows across the UK

- [Find a roadshow](#)

Information and reflections from earlier Summits

- [FE Summit Feb](#)
- [HE / FE Bootcamp](#)



Inspirational videos

- A glimpse into the world students will step into [productivity future vision](#)
- This [Seeing AI video](#) shows the art of the possible today
- This [Emma Watch](#) video is a great example of design thinking in practice
- This [“Ways to Amaze” SWAY](#) looks at the Microsoft features available right here, right now which have the ability to astonish – eg: the 3D modelling in PowerPoint or QnA bots!

Click on the images to navigate through the different sections





Microsoft Curriculum & Certification for Students



Real World, industry-ready skills

More than **50%** of today's jobs require some technology skills, and experts say that percentage will increase to **77%** in less than a decade

THE TOP 20 MOST SOUGHT-AFTER EMPLOYABILITY SKILLS

1. Oral and written communication skills	11. Self-starting, self-motivated
2. Project management	12. Management skills
3. Microsoft Office	13. Analytical Skills
4. Team-oriented, teamwork	14. Coaching
5. Marketing	15. Business Process Modeling
6. Creativity	16. Work Independently
7. Problem solving	17. Strong Leadership Skills
8. Detail oriented	18. Management experience
9. Microsoft PowerPoint	19. SAP
10. Integrity	20. Business requirements gathering

IDC Study, 2016

Microsoft can help ALL students acquire the productivity skills and work-readiness they need, whatever career they choose, and offers role-related curriculum in key technical disciplines such as: Artificial Intelligence; Data Science; Front end Web Development, etc



Microsoft Imagine Academy

- The [Microsoft Imagine Academy](#) (MSIA) offers productivity and technical curriculum from level 2 to level 7.
- An institution license is required along with affordable certification packages
- For a full overview of the Imagine Academy open the [PDF](#) and the [website](#).
- Prodigy offers a [deployment and training support](#) package to make setting up and getting started with MISA easy

Microsoft Imagine Academy

Today more jobs require technical skills.



Microsoft Imagine Academy provides industry-recognised technology skills, education, and certifications students need to succeed.

[ALREADY A MEMBER? SIGN IN >](#)

Train and certify students and educators

Microsoft Imagine Academy provides up-to-date curricula and resources to train and certify students and educators on Microsoft products and technologies. Students gain valuable skills for university and a career that will help them succeed in an increasingly digital global economy across these four areas:

Computer science	IT infrastructure	Data science	Productivity
Coding skills based on the latest tools and techniques.	Skills in IT administration and cloud platform solutions.	Introduction to data science concepts and tools.	Mastery of the productivity applications broadly used in business.



MSIA Pathways and outcomes

It addresses the divide and bridges needed between education and industry opportunity for students.

MICROSOFT IMAGINE ACADEMY

Learning Pathways

Computer Science
Productivity
Data Science
IT Infrastructure



INDUSTRY- RECOGNIZED CERTIFICATION

Globally Recognized
Credentials

MTA
MOS
MCP
MCE



EMPLOYABILITY

ECONOMIC
DEVELOPMENT

ENTREPRENEURSHIP

MSIA coupled with Certification provides the comprehensive technology training and skills validation solution for educators and students ensuring the next generation is prepared for success.

MSIA Certifications



Microsoft's certification programs are mapped to industry job roles and requirements and provide a clear path to success for students.

Certifications can be seamlessly converted to visually appealing badges for display in your [LinkedIn profile](#) as verification for employers and others.









[Flash your badge!](#)





Microsoft Professional Programmes

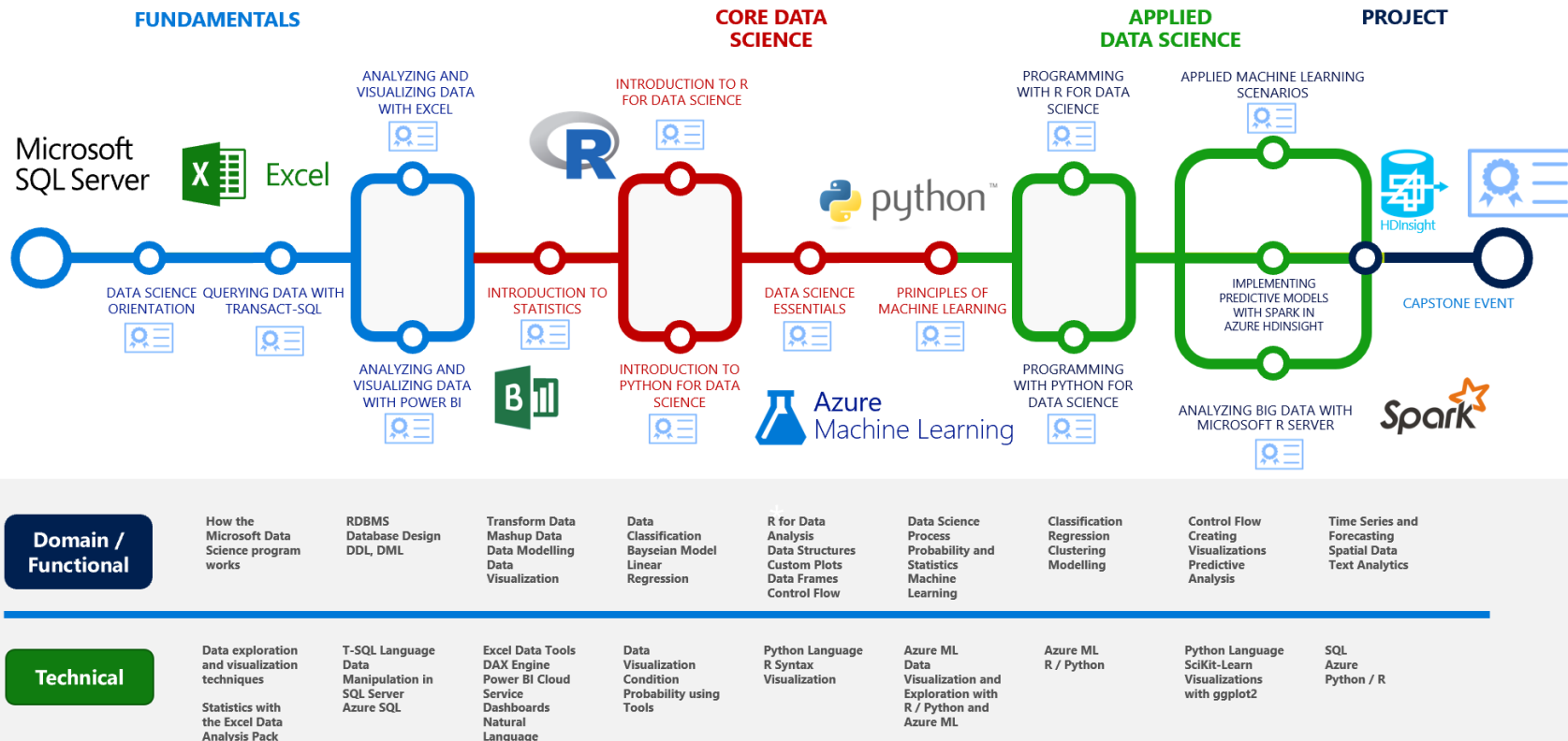
The Microsoft Professional Programmes are role-specific learning programmes, created to help students learn the technical skills most in demand to land the careers they want to pursue

 Data Science 8-12 hours per course <p>Opportunities for data scientists—one of today's hottest jobs—are rapidly growing in response to the exponential amounts of data being captured and analyzed. Companies hire data scientists to find insights and to solve meaningful business problems.</p> View details >	 Big Data 12-30 hours per course <p>Designing systems that capture, process, and analyze data is critical for companies in order to have a competitive advantage. This curriculum takes students from their first select statement to orchestrating big data workflows in the cloud.</p> View details >	 Front-End Web Development 15-30 hours per course <p>The demand for Front-End Web Developers is expected to increase by 27% through 2024. That's why companies need people who are fluent in programming languages and frameworks ranging from HTML, CSS, and JavaScript, to Angular, Bootstrap, and jQuery.</p> View details >	 Cloud Administration 12-18 hours per course <p>As companies move to the cloud, the need for cloud skilled professionals continues to rise. Companies need people with a range of skills; such as automation of deployments and workloads, to understanding how to best manage security and compliance.</p> View details >
 DevOps 8-16 hours per course <p>To support companies to be more agile, the lines between development and operations are becoming increasingly blurred. Through continuous integration and deployment, students will learn how to react to changing market conditions.</p> View details >	 IT Support 8-16 hours per course <p>The help desk is the front line of engagement for customers when problems arise. With the IT Support track you will learn a wide range of skills to diagnose, troubleshoot, and solve customer issues.</p> View details >	 Artificial Intelligence 8-16 hours per course <p>Artificial Intelligence (AI) will define the next generation of software solutions. Human-like capabilities such as understanding natural language, speech, vision, and making inferences from knowledge will extend software beyond the app.</p> View details >	 Entry Level Software Development 8-16 hours per course <p>Nearly all tech that you engage with relies on software. The job outlook for software developers is growing year after year. Simply put, Software Developers are the people bringing the modern world to life.</p> View details >



Data Science – an example MPP

MPP Data Science Track



- The [MPP Data Science](#) features hands-on labs so you can practice with the tools used by data scientists in the field today
- Tools include both MS and non MS technologies
- Assessments that require more than just memorization ensure that you have mastered new skills



Other Resources: Azure and Intelligence platforms

AI School hands on projects to stretch your understanding

Azure free credits for students



Other resources: tools for success

This [brochure](#) has a range of devices and tools for affordable, accessible learning.

Proven software solutions with affordable devices

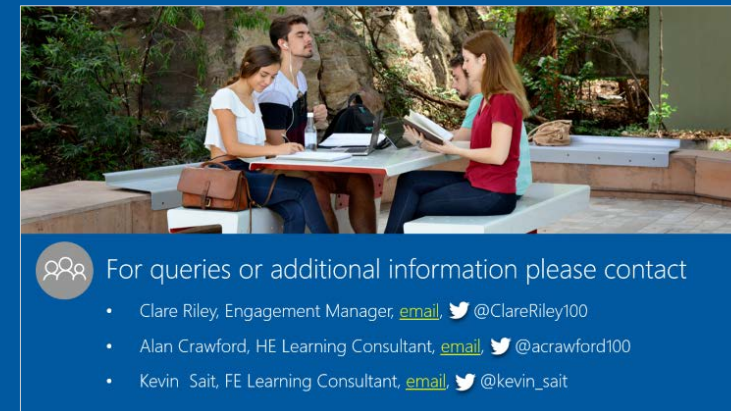
Microsoft

Bring the workplace into the classroom

Give your college students and teachers the tools they need to succeed.

The advertisement features a photograph of three students in a classroom setting. A female student in the foreground is smiling and gesturing with her hand. Behind her, another student is holding a laptop. To the right, a male student is seen from the back, also working on a laptop. The background shows a large screen displaying a presentation. The Microsoft logo is in the top right corner, and the text 'Bring the workplace into the classroom' is overlaid on the right side. At the bottom right, the text 'Give your college students and teachers the tools they need to succeed.' is displayed.

Click on the images to navigate through the different sections





Innovation Projects with Microsoft



Innovation Projects with Microsoft



Microsoft has many cutting edge technologies and ideas in development. Do contact us if you've an idea for collaboration

HE & FE Showcases

- Microsoft is developing a proposal for Showcase Colleges and Innovative HE Institutions and will share information as soon as possible



URL for this presentation = <https://bit.ly/2tsoCGw>





For queries or additional information please contact

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- Alan Crawford, HE Learning Consultant, [email](#),  @acrawford100
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Further Education Showcase Session

Sponsored by:



Practice Labs



Developing Teachers Digital Skills with MCE

Torcato Coutinho
Head of Teaching, Learning & Assessment
CONEL

The College of Haringey, Enfield and North East London, part of Capital City College Group

Why did we start our journey?

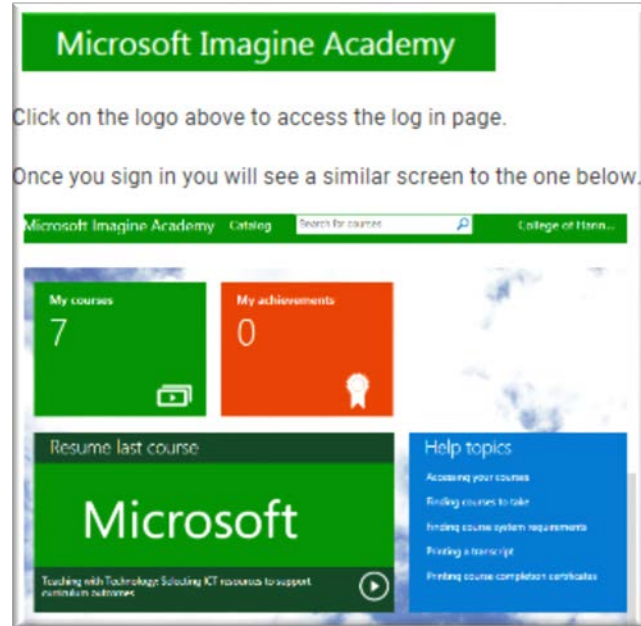
The College of
Haringey, Enfield
and North East London



How do we develop digital immigrants for teaching digital natives?

Focus on Success

How have we implemented the MCE course and certification?



- We have created learning plans through the Microsoft Imagine Academy and given access to all teachers
- Teachers are expected to complete the online modules in their own time
- Certification logged with HR

Focus on Success

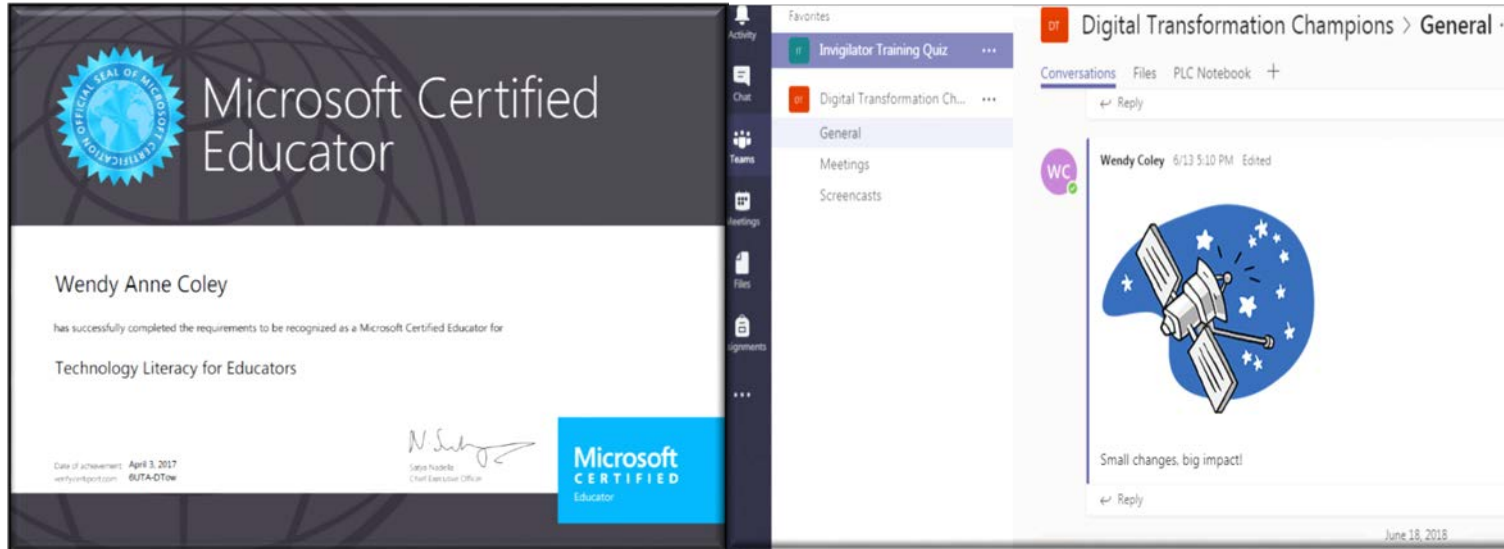
How have we implemented the MCE course and certification?



- Rollout of Office 365 to learners and staff
- Staff training during SLD on O365: sharepoint/online collaboration/Sway/Forms/Teams
- Full commitment and investment in staff development

Focus on Success

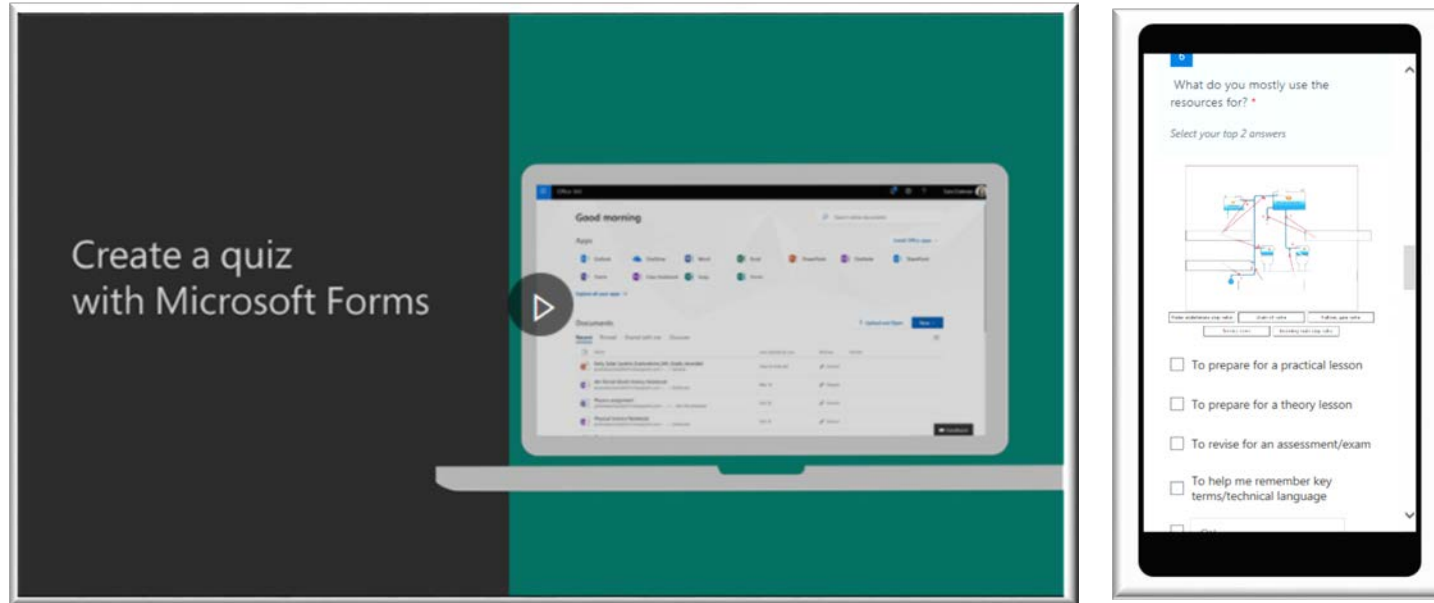
What impact have we seen?



- 50 staff have achieved MCE in the past 2 years
- Increased awareness and above all application of technology in education
- Positive changes to new MCE exam less generic now linked to O365 apps, a more practical application

Focus on Success

What impact have we seen?



- Educators are now using O365 applications both for teaching, learning and assessment and admin
- Perceptions of MCE teachers includes increased confidence and productivity levels

Focus on Success

Where do we go next?

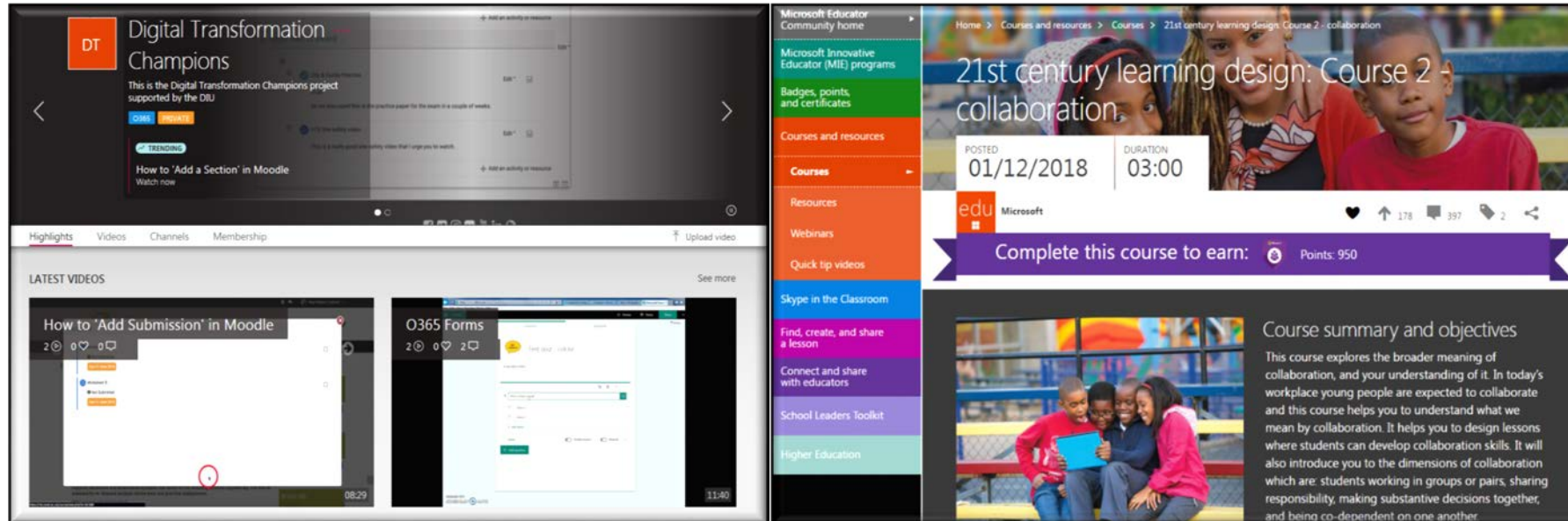


- ✓ Full commitment to staff CPD on a range of digital skills with a strong focus on O365 and collaborative applications
- ✓ Currently devising the College's e-Learning strategy and development plan for 2018-2021
- ✓ All teachers to achieve MCE within one year

Focus on Success

Where do we go next?

The College of
Haringey, Enfield
and North East London



- ✓ Microsoft Learning Community promoted during digital CPD sessions
- ✓ Managers modelling use of apps for example Teams and Streams for a Digital Transformation Champion Project

Focus on Success

Thank you





Further Education Showcase Session

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Practice Labs



Leading the City to Work

Embedding Vendor Certifications in the Curriculum

Peter Doherty

Vendor Certification Manager



1906

Founded in 1906, we have recently marked our **110 anniversary**

Largest College

Largest further and higher education college in Northern Ireland.
The **10th largest** in the UK.

30,184

An average annual enrolment exceeding **30,000**

16,042 students, representing **100** different nationalities

3,300 higher education enrolments, over **95** programmes

£60m

£60 million investment in a **70,000 m2** estate spanning the length and breadth of the city

4

Main campuses across Belfast

1,100

1,100 staff, **£60m** turnover, inject **£40m** into the economy in salaries and wages.





Mission

Belfast Met's mission is to make a fundamental impact on the economic and social success of the city of Belfast and beyond by equipping its people, employers and communities with the education and skills for work

Further Education Sector



Further Education Sector

- NI's main provider of technical and professional education and training
- £260 million turnover per annum
- 82,000 students
- 3,500 lecturers and professional staff
- Support to over 3,000 businesses per year
- 1 in 5 HE students in NI are studying at an FE College
- Broad curriculum offering with increasing focus on Levels 3, 4 and 5

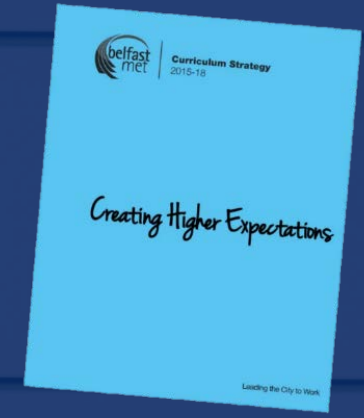
Curriculum Strategy

Integrated approach to meeting the skills needs of learners and employers

- Bridges skills gaps
- Provides school leavers with the skills for work
- **Up-skills** and **re-skills** the existing workforce
- Addresses the need for **mid to higher level skills** (levels 4, 5 and 6).
- Provides **pathways** to further education or employment for those facing the greatest barriers.

Finely tuned to the changing needs of the economy

- In step with evolving sectors and areas of high demand
- Creative and Digital, Cybersecurity, Data Analytics, Engineering, Leadership and Management, Tourism and Hospitality, Health and Social Care etc
- Employers actively engaged in the design and delivery of the curriculum
- Industry-experienced staff



Vendor Certifications



CompTIA®



CERTIFIED
ASSOCIATE



AUTODESK®
Certified User

EC-COUNCIL



Microsoft
Technology Associate

Microsoft
CERTIFIED
Professional

Microsoft
Office Specialist

Full Time Curriculum

- Approx 150 students per annum
- OCR Cambridge Technical Level 3 Extended Diploma in IT. 3 pathways:
 - Networking Infrastructure
 - Software Development
 - Networking Infrastructure specialising in Cyber Security.
- Embedded certifications include:
 - Microsoft Technology Associate
 - Security Fundamentals
 - Windows Operating System Fundamentals
 - Software Development Fundamentals
 - Networking Fundamentals
 - Cisco IT Essentials



Apprenticeships & Training

- Critical to the delivery of the NI Executive's Securing our Success Apprenticeship Strategy
- Dedicated Training and Apprenticeships department
- Provision has been re-engineered to meet current and projected skills demands
- Flexible, responsive, collaborative – an employer-led model
- Feeding demand for higher level skills – HLAs, including Computing Infrastructure and Software Engineering

Traineeship

- Level 2
- Broad curriculum offer
- Equivalent to GCSEs A* - C

Apprenticeship

- Level 3
- Broad curriculum offer
- Equivalent to A-levels

Higher Apprenticeship

- Levels 4 & 5
- Expanding curriculum offer
- Equivalent to foundation degree level



Plus knowledge, competence, and employability skills



Apprenticeships & Training

- Approx 100 students per annum
- Level 3 ICT Apprenticeship with OCR Cambridge Technical Level 3 Technical Diploma. 2 pathways:
 - Network Infrastructure
 - Software Development
- Embedded certifications include:
 - Various Microsoft Technology Associate
 - Network Fundamentals
 - Software Development Fundamentals
 - HTML5 Application Development Fundamentals
 - Security Fundamentals
 - Windows Operating System Fundamentals
 - CompTIA
 - Network+
 - Linux+ Powered by LPI
 - Cisco IT Essentials

Apprenticeships & Training

- Approx 80 students per annum
- Higher Level Apprenticeships (with embedded Foundation Degree)
 - Computing Infrastructure
 - Software Engineering
 - Cloud & Application Development
 - Cyber Security
- Embedded certifications include:
 - MTAs as a 'bootcamp'
 - Software Development Fundamentals
 - Security Fundamentals
 - Windows OS Fundamentals
 - CompTIA Security+
 - BCS CISMP
 - Amazon AWS
 - CompTIA Network+
 - Cisco CCNA
 - Cisco CCNA CyberOps

Industry Involvement

CIVICA

 **HSC** Business Service Organisation

CAPITA

sopra  steria

STIONA™



 APPLIED

Housing
Executive

tascomi

ALLEN & OVERY


FUJITSU


ALMAC
Partnering to Advance Human Health

Liberty™
Information
Technology



 **esp**
Enterprise Solution Provider

Assured Skills Academies

Award-winning Assured Skills Academies

Successfully pioneering new approaches to bridging skills gaps at higher levels

- Data Analytics
- Financial Services
- Human Resources
- Cyber Security
- Digital Animation
- Export Sales & Marketing

Helping companies

deliver high quality jobs

- Deloitte
- PwC
- Diageo
- Alexander Mann
- FinTrU

Tapping into the city's talent pool

Graduate-conversion programme



Assured Skills Academies

30

Academies

600+

Graduates

93%

of Belfast Met participants
secure **good jobs** in **growth
sectors** upon completion.

Assured Skills Academies

Cyber Security Academy

- 16 students on intensive 12 week programme
- Variety of backgrounds from ex traffic wardens to degrees in non-IT disciplines
- **100%** pass rate
- **95%** progressed either into employment in the industry or progressed onto a higher level Academy programme to deliver Cyber Security Analysts supported by Price Waterhouse Cooper & Black Duck with guaranteed employment upon successful course completion.
- Various vendor certifications delivered as part of the programme including
 - Microsoft Technology Associate Operating System Fundamentals
 - Microsoft Technology Associate Security Fundamentals
 - BCS Certificate in Information Management Security Principles
 - Linux
 - CompTIA Security+



Challenges

Student Buy-in

Converted when they realize vendor certifications **will differentiate them in the workplace** and provide them with **validation** of the **valuable skills** they have learned

Resources

Limited physical resources to provide learners with vital hands-on experience

No access to physical resources **outside of class time** or at home



Practice Labs

LearnKey®

Exams

Many students **first time** sitting a computer based exam

Particularly an exam under **Pearson Vue** regulations

measureUP
A MEDIA INTERACTIVA BUSINESS

G·METRIX



Demo



Practice Labs

Microsoft Imagine Academy

Understanding Selectors and Declarations - OneNote 2016

Peter Doherty

File Home Insert Draw History Review View

HTML5 Application Develop... Introduction Lesson 1 Lesson 2 Lesson 3 Lesson 4 Lesson 5 Lesson 6 Lesson 7 Lesson 8 Lesson 9 Lesson 10 App... Search (Ctrl+E)

Understanding Selectors and Declarations

Once these basics are comfortable for you, you are in a position to look more deeply at CSS source files. A CSS file typically contains a sequence of style specifications or rules and might include an initial @import rule. The order of the rules will be significant in later lessons.

Each individual rule has two primary parts: a selector and one or more declarations. The **selector** is usually the HTML element you want to style. The **declaration** is the style for a specific selector. A declaration has a property, which is a style attribute, and a value. The general syntax of a declaration consists of a property keyword followed by a colon and space, and then a value followed by a semi-colon terminator. A declaration is within curly brackets. These concepts are illustrated in Figure 4-3.

Selector

p

Declaration

{color: brown;}

↑

Property

↑

Value

Figure 4-3
Describing a selector and declaration

Consider this example:

```
/* This is the content of the file e1.css. */
p {color: brown;}
#slogan {
    font-size:20px;
    color: green;
    font-style: italic;
}
```

Take Note*

Add Page

- Understanding CSS Essentials: Con
- Understanding CSS Essentials
- Using the Appropriate Tools
- Exploring the Link Between HT
- Separating Content from Style
- Understanding Selectors and D
- Understanding Fonts and Font
- Managing Content Flow
- Positioning Individual Elements
- Managing Content Overflow
- Skill Summary
- Knowledge Assessment
- Competency Assessment
- Proficiency Assessment

Microsoft Imagine Academy

Course View

[imagineacademy.microsoft.com/?whr=uri:MicrosoftAccount&channel=ITA](#)

Microsoft Imagine Academy

Catalog

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Belfast Metropoli...

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Preparing for Exam MTA 98-375 HTML5 App Development Fundamentals: Academic Edition

5% complete

Watch now

Overview

Syllabus

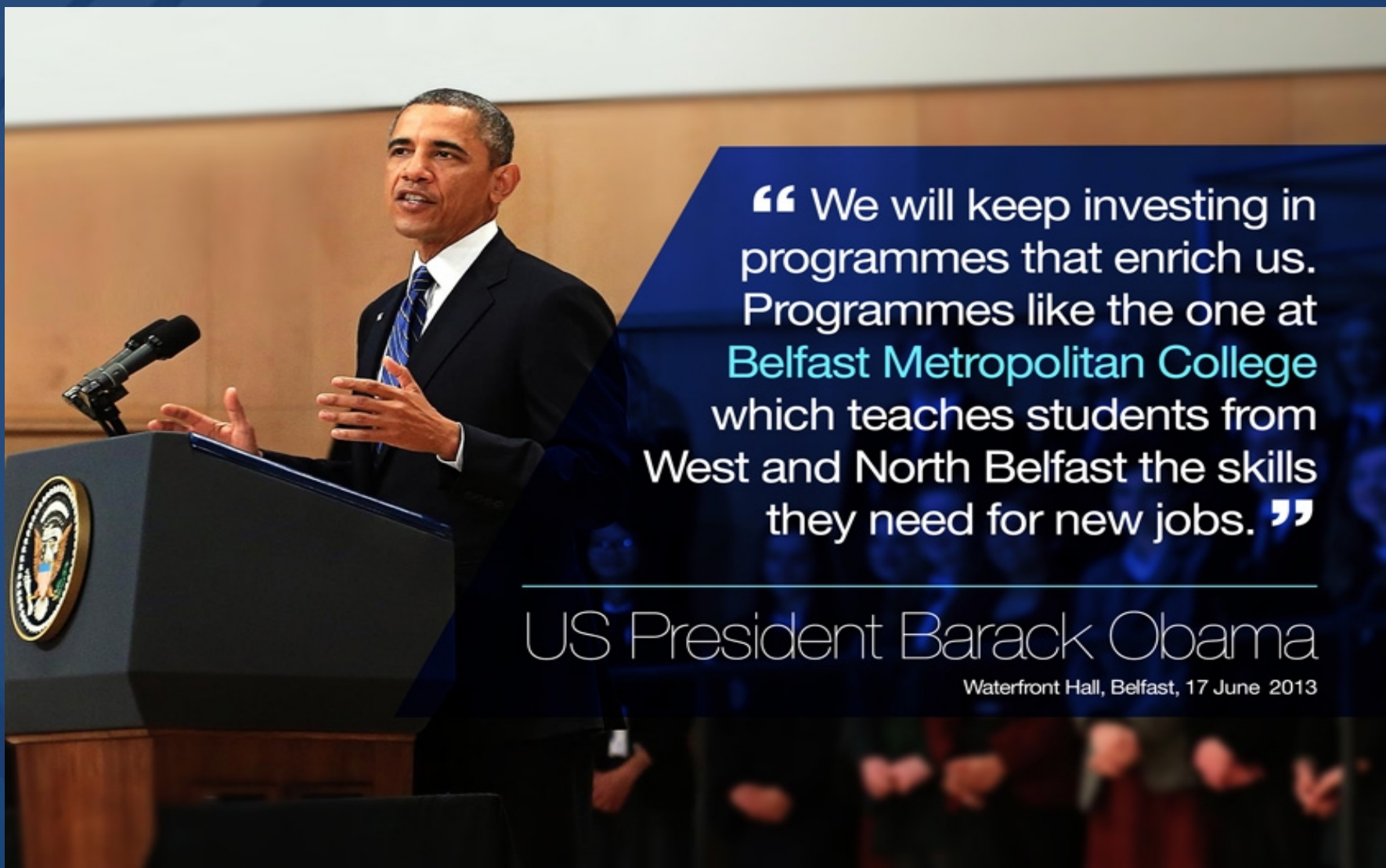
System requirements

Show all	Progress	Time (Excludes labs and knowledge checks)
<div> </div> <div>1 The Application Lifecycle</div>	50% complete	00:00:00
<div>1 The Application Lifecycle</div> <div> The Application Lifecycle-Video <div>00:15:06 / 00:18:15</div> </div> <div> The Application Lifecycle-PPT <div>✓</div> </div>		
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<div> </div> <div>3 Building the User Interface, Part 2</div>	0% complete	00:00:00
<div> </div> <div>4 CSS Essentials, Part 1</div>	0% complete	00:00:00

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“ We will keep investing in programmes that enrich us. Programmes like the one at **Belfast Metropolitan College** which teaches students from West and North Belfast the skills they need for new jobs. ”

US President Barack Obama

Waterfront Hall, Belfast, 17 June 2013

Thank You!

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