Our Digital Journey
Our pandemic experience
Practical sessions run online. 3D images / digital twins used.
Percent increases and decreases using a multiplier

<table>
<thead>
<tr>
<th>Find 160 increased by 5%</th>
<th>Find 70 decreased by 12%</th>
</tr>
</thead>
<tbody>
<tr>
<td>160 x $\frac{105}{100}$ = 168</td>
<td>160 x ______ =</td>
</tr>
<tr>
<td>160 / 100 x 5 = 8 + 160 = 168</td>
<td>Find 160 decreased by 18%</td>
</tr>
<tr>
<td>Find 670 increased by 16%</td>
<td>Find 160 decreased by 18%</td>
</tr>
<tr>
<td>670 x $\frac{116}{100}$ = 777.2</td>
<td>160 x ______ =</td>
</tr>
<tr>
<td>670 / 100 x 116 = 777.2</td>
<td>Find 4200 decreased by 28%</td>
</tr>
<tr>
<td>Find 40 increased by 24%</td>
<td>Find 4200 decreased by 28%</td>
</tr>
<tr>
<td>40 x ______ =</td>
<td>4200 x ______ =</td>
</tr>
</tbody>
</table>
2020-21: FS Maths L1 - Thurs Eve... "

L2 work Thursday evening

---

Units

Decimal Point

Tens

1/10 (Tenths)

1/100 (Hundredths)

1/1000 (Thousandths)

17.591

10x Bigger

10x Smaller

0.3 × 0.5

0.3 × 0.5

---

Recap

John is the manager of a bakery. He finds this list of ingredients for fruit cake:

- 2 cups flour
- 1/2 cup sugar
- 1/3 cup oil
- 1 egg
- 1/4 cup milk

Calculate the total amount of ingredients in cups.
The show will start shortly.

Autumn Music Showcase
I held that section of timber right up against the line.

Redwood. So that's going to be 45 mill down from the bottom.
Motivation & Inspiration

A variety of speakers talking through their own journeys and the decisions they made along the way.

We asked each speaker the simple question:
Where are you and how did you get there?........

Options & Opportunities Week - Motivation & Inspiration

This week is all about exploring your options and opportunities on the road ahead: sometimes a daunting and perplexing prospect. No two journeys are the same and most arrive at their destination via many routes and detours along the way.

We have drawn together some interviews with a variety of speakers who detail the paths they followed and provide words of wisdom to help you in your own personal journey.
Your First Mini Task - 15 mins

Your task is to test your fashion eyes, colour awareness and gather colour swatch inspiration from around your home, just like the examples in the slide show.

Feeling creative? You can create a colour combination of your choosing when creating your own colour swatch square. Whatever colour combination you feel works from items around your room! (if you do this option, limit yourself to only using 3 colours)

However, you might find it easier to match items from around your home to one of the colour swatches in the stack I have provided directly below this text. (FYI, these colour swatches have been pulled straight from images from New York's Fall/Winter 2020 Fashion week, so you know these swatches are totally on trend right now)

Once you have created your fashion colour square - I want you to share it by photographing it, and adding it to the orange Padlet below! It's real easy; just click on the pink plus button in the bottom right hand corner of the Padlet square. If you have any problems, just ask me for help.
Story Arc

A magazine has asked for contributions for their creative writing section.

Either

Write a description of an old person as suggested by the picture:

You are going to enter a creative writing competition.

Your entry will be judged by a panel of people of your own age.

Either: Write a description suggested by this picture:

MK College Group
Workplace Hazards

Click on the link below for more info...

www.hse.gov.uk
food should be covered, labelling and in the correct storage within four hours

You should not leave prepared food out at room temperature for any longer than 4 hours as bacteria begins to grow, this limits the amount of potential bacteria to be as low as possible.
Thinglink
Equipment bought and loaned

- 250 laptops
- 360 cameras
- Microphone
- Webcams
Activity 1

In terms of ways of working, how much of a change has happen for you since lockdown?

Go to www.menti.com & use the code 84 35 72 2

Vote Now!

- Major changes
- Some changes
- None
- We have gone backwards

Results
Activity 2

Please expand on those changes

Explain your answer on a virtual sticky note.

Results
Since we have returned to campus

• We have increased our pool of emerging technology and equipment
• We have had to think about our spaces
• We have looked to increase support for staff and student digital skills further.
Emerging Technology/ Hybrid delivery
We looked at a variety of technology to support learning in this way.

- Already had some technology
- Already had looked at emerging technology sessions with students e.g. Public Services, Care

**There was a demand for it**

Strategic Development Fund enabled us to buy some tech.
VR Headsets
AR Headsets
High spec laptops
Drones
3D scanners and 360 cameras
Programmable robots
Holographic displays
Merge Cube
This has enabled us to:

- Help staff to plan to use emerging tech in their delivery (Employability)
- Create 360 immersive spaces - (Matterport and 360 cameras - on location – solar panels – hazard spotting)
- Allow immersive experiences - anxiety / dementia
- The metaverse – been experimenting with this. - (This is where you are an avatar in an immersive world – Think Fortnite!)
- To think about how our spaces can accommodate this type of learning
Study Centre

- Loan equipment from Library Catalogue – issued like books
- Find and collate 360 experiences / software – like resources
- Train staff and students in digital pedagogy – how to plan a VR session
- Maintain equipment, charge it up etc.

Study centre staff are seen sitting at help desk etc with a headset on!
Activity 3

Do you loan this type of equipment?

Go to www.menti.com & use the code 8271 0993

Vote Now!

• Yes
• No

Results
Activity 4

Please expand on your answer.

Explain your answer on a sticky note.

Results
Digital Skills
**Staff**

- 50% Certified MIE
- Nearly 10% MIE Expert
- 3% MCE Educator

**Notifications**

- Congratulations for achieving your MIE certification!
Staff

Certified testing centre

Earn FREE Microsoft Certification in the Summer Testing Lab until the 30th June 2022.

Prodigy Learning are offering UK & Irish Educators the opportunity to virtually sit Microsoft Certification Exams for FREE, from the comfort of your own home!

Attendees have the chance to sit the Microsoft Certified Educator (MCE) Certification and Microsoft Office Specialist (MOS) exams for free.

Attendees can choose to take as many Microsoft MOS Certification exams as they wish, for FREE:
- Microsoft Office Specialist (MOS) productivity
- Microsoft Certified Educator for educator (CE)
Digital Skills Program - Bronze

Leader: Lancaster
Senior Digital Learning Specialist

How to Guides

B8 - Inclusive Tools

<table>
<thead>
<tr>
<th>Introduction to Inclusive Tools</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Accessibility Tools for vision</td>
<td>Accessibility tools for hearing</td>
<td>Accessibility tools for neuropsychological disabilities</td>
</tr>
<tr>
<td>Accessibility tools for mobility</td>
<td>Accessibility tools for mental health</td>
<td>Accessibility tools for learning</td>
</tr>
<tr>
<td>Accessibility overview of Microsoft Teams</td>
<td>Make your content accessible</td>
<td>Accessibility features in Microsoft Edge</td>
</tr>
</tbody>
</table>

Deep Dive

Gain badges

Diagnostics results:

<table>
<thead>
<tr>
<th>Systems and technology that you might use at WORK or at HOME</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>Use Microsoft 365 (formally Office 365) (B1)</td>
<td>Always</td>
</tr>
<tr>
<td>Creating folders and files in One Drive</td>
<td>Always</td>
</tr>
<tr>
<td>Sharing &amp; collaborating in online documents</td>
<td>Always</td>
</tr>
<tr>
<td>Moving &amp; Copying files</td>
<td>Always</td>
</tr>
<tr>
<td>Syncing OneDrive files to a PC/Laptop</td>
<td>Always</td>
</tr>
<tr>
<td>Find information on a SharePoint site</td>
<td>Always</td>
</tr>
<tr>
<td>Use Microsoft (Office) 365 apps on a phone</td>
<td>Always</td>
</tr>
<tr>
<td>Use Microsoft (Office) 365 apps on a PC / Laptop</td>
<td>Always</td>
</tr>
</tbody>
</table>

Digital diagnostic
Digital hub for how to guides
Induction

Student induction is the same and is a mission too. So students who have had an induction before can participate.

What you are going to do:

1. Complete your mission
   In teams
   20 mins

2. Create your digital product
   In teams
   20 mins

3. Share your product
   Team leader
   5 mins

4. Redeem your training badges
   Sign up to the Microsoft educator centre
   5 mins

5. Gain your ME
   Complete your homework

Digital induction – conducted online
Digital mission – have to solve puzzles to do with digital technology
Gain a digital badge at the end
Prison
Students - Digital Skills - The programme

Conference / webinar style session.
Topics:
• Skills for the Future
• Developing products and processes
• Digital Inclusion
• Cyber Security
• Working remotely
• Data (big)
• The rise of the Robots
• Fake News
• Digital wellbeing
• Emerging Technologies

Skills development sessions
Topics:
• Skills to get started
• The right tool for the right job
• Tools to help
• Working safely and securely
• Online etiquette and collaboration
• Get organised
• Research skills
• Presenting your work / ideas
• Presenting yourself and digital leadership
10 weeks digital skills programme
Yr1 – L3 students
Yr2 – all students
Cover concepts and practical skills
Digital Pedagogies

Digital Learning / Pedagogy:
Key drivers:

1. Digital confidence (Skills)
2. Equipment & software/ systems
3. Spaces - classrooms
4. Innovation (Emerging technology)
5. Delivery – how we teach
6. Curriculum design
Digital confidence (Skills)

The group reviewed the training and support activities available for staff and students to improve their digital confidence. The following activities are examples of what is already in place:

- Student digital skills programme
- MIE & MIEE training
- 21CLD training and opportunity to become a Microsoft Certified Educator
- Help guides
- Induction sessions for digital skills

The group agreed to roll out a digital skills diagnostic in 3 parts, Bronze, Silver and Gold and to further celebrate digital innovation across the college group.

A specific programme for group services staff will be implemented.

Would you like to join the group next year?

We are looking for representatives from all areas of the college group. If you would like to join, please explain how you are a champion of digital pedagogy below. Next year our focus will be on innovation.

Considerations for digital pedagogy

The Digital Learning Strategy

Ideas

Centralised Hub/Sandbox
Area that all staff can access to try kit in a safe environment. Advertise the kit that we already have.

Student Ambassadors
Teachers to pinpoint students who are appearing more digital savvy to assist other individuals in the class, in a similar way to individual students on courses (student voice)

Embedding tech for teaching
Getting staff that are confident to use technology, to spread the word Teach meet - show and tell

Linkedin - can we use more effectively?
Might need to consider - good practice, guidelines here. We can endorse colleagues skills.

People who have digital competencies recognisable
Needs to be aspirational? Targets need to be made Embedding digital into teaching essential. College Group - seen as innovative by external organisations. Expertise can create reductions in workload. Expertise needs to be shared between departments.
Digital Pedagogy Innovation Award 2022

This year a number of staff have been meeting to innovate and discuss how to develop our digital pedagogical capabilities further. During our meetings we have heard many examples of amazing practice across the college group. We would like to recognise this fantastic work by sponsoring two Digital Pedagogy Innovation Awards.

Have you, a colleague or someone you manage, used technology innovatively to enhance teaching and learning?

If so nominate yourself or someone else now.

Closing date Monday 4th July

Find out about the Digital Pedagogies Group here
Actions and impact

How we teach

100%
Campus Schools will receive session on 21st CLD

100%
Prison staff to receive a series of digital hub events

IQRs
Internal quality reviews check impact
Teaching spaces

Actions and impact

All

Classroom upgrades will reflect new ways of teaching, working and collaboration.

10

Teams rooms kit to be procured to support a hybrid ways of working and teaching.

Teaching spaces

To be like workspaces
Actions and impact

Equipment and Software

All
Staff to promote BYOD more and to ensure long term loan laptops are used in the classroom.

2
2 x more self-issue cabinets procured and stocked for 22-23

All
Areas helped to plan to use emerging technologies.
Activity 5

Gauge your digital awareness.

Complete this quiz and gain your MKC digital badge.
The way we work / study
Support for:

For work / study

Resources and collections – mostly online
Procurement
Cataloguing / Stock Preparation Shelving

Information skills - research
Digital skills for study
Specialist digital skills - maker spaces

Behaviour & safety
Queries & Signposting
Helpdesk
Supporting Active learning
Project-based learning

Laptop loan
Seat booking
Equipment loan
Laptop cabinets

Heritage
MyDay
Booking
Teams
Moodle

Training – staff / students
Digital Learning and Resources

Pedagogy

- How to best teach and learn using technology. Research-based underpinned by pedagogical approaches – Active PBL, and 21st Century Learning Design

Skills & Transformation

- Developing digital and information skills and advising on process efficiency for both staff and students

Learning Systems

- Design, administer and developed digital learning systems. Teams / ClassNotebook / SharePoint / Moodle / booking system Heritage / Athens – online and physical loans

Spaces and IT

- Researching, developing and designing spaces for working / learning / ideas / making. The development of the Study Centre into independent learning zones and now into a Work / Study / Ideas / Innovation Centre. Maker Space and quiet working for staff and students

Innovation and emerging technology

- Innovating ourselves, but mostly supporting in VR / AR / Webbots / Automation / apps
The physical space: Staff and student space – what it should be.....
For work / study

- Individual
  - independent
  - quiet / silent
  - work / access to
  - software and
equipment used
  - across college.

- 1 onsite to
  - many remote / 1:1
  - Online
  - meetings / classes - Individual

- Some onsite
to some remote
  - Hybrid
  - Meetings / teamwork / across campus

- Project-based Learning and breakout space
  - Online meetings / classes - Individual

- Makerspace
  - Digital Innovation and product development – 3D printer / VR
Needed to be like work
Not a Library
( in a traditional sense)
For both staff and students

Needs to be flexible

Used or a variety of events: Parent’s evening, open days, enrolment.

Sustainable
Not much technology in the spaces

**Self-issue:**
laptops loaned
Activity 6

Which of the types of spaces that we have identified would be your priority?

Go to www.menti.com & use the code 8851 0478

Vote Now!
• Individual space - Quiet access
• 1 onsite to many remote/ 1:1
• Some onsite to some remote
• PBL break out spaces
• Maker space / VR

Results
Spaces
Bletchley Campus Space Consultation

The College is looking to see how spaces for both students and staff could be improved at our Bletchley Campus and would like to ask those who use the spaces to contribute to a vision for the site.

It may not be possible to make changes all in one go, but we hope to be able to prioritise some changes to be in place for the new academic year.

We would have to work within current constraints such as major price hikes for raw materials and delays in delivery for resources and equipment, but would like to be able to do some changes if possible.

Have your say!

Please indicate below the type of spaces which are most important to have access to, select Vote here to add your votes and see the results below:

Vote here
Activity 7

Please rank the type of spaces which are most important to have access to.

Go to www.menti.com & use the code 8271 0993

Vote Now!
- Yes
- No

Results
MKC Results

Rank these in order of importance for you

1st: 1:1 rooms (for Teams calls and F2F meetings)
2nd: Large group spaces
3rd: Specialist areas
4th: Quiet study space
5th: Relaxing/social space
6th: Small break out spaces
7th: Small group spaces
8th: Eating spaces
9th: Library
10th: Presentation spaces
Please describe your ideal teaching / learning space.

What would it look like?

What furniture / equipment would you have in it?

Explain why you would need this type of space, add it to the padlet wall below. Upload pictures if you have some.
MKC Results

Teaching / learning spaces

Art & Design
We luckily have specialist rooms that we have for different art practices such as 3D and printmaking. I also have a base room which students see as their own (but shared) work space. I would like to see the option for having an IT/laptop resource in rooms as well as more wall space to display work.

Fashion and Textiles
Big room (which we have luckily) but it would be great to have an area for computers in the same room, with scanners so they can do digital work, and experiments in the same room so tutors aren't walking across several rooms to check up and support students. Having an IT section would enable students to streamline and develop some industry practice and work smarter, not harder.

Photography - although also applies generally
We currently don't have a set 'classroom' space we can use to deliver class where we can have a set seating plan and has the students facing the 'front' without being behind computer screens. It's not ideal setting out chairs at the start of class and then putting them away to be able to use the specialist facilities (studio). Only a couple students can use the studio space at once so the students are split between two different rooms (studio and mez). The mez is also very dark. A brighter working light and large with access to fresh air. Adequate technology that works including access to laptops for ALL students.

We just need much better IT access/kit, including screens that you can see presentations projected onto, as well as more laptops for students to access when they are with us.

I like the idea of having laptop access in each room as students often complain the laptops are all in use from the banks at Bletchley. The rooms would need to be light and spacious with mobile tables so that the layout can be changed easily like the tables in BL215. This enables

Flexible Room Space for group and 1:1 work
Light, bright spaces. Students to access laptop in each room rather than
More laptop self-issue cabinets
More long-term loans
Please describe your ideal workspace.
What would it look like?
What furniture / equipment would you have in it?
Explain why you would need this type of space.
MKC Results

My ideal working space would be an area where you would have dedicated desks (not hot desks), areas for we could meet as a team, storage where confidential/personal possessions could be locked and chill out/comfortable areas to have a break in each office.

Hot desking was contentious.

Would prefer a team specific area to be able to discuss safeguarding issues and collaborate, as well as an area with more comfortable seating to eat and chat over lunch rather that eating at my desk or a desk generally.

A mixed use space was important.

I would like a specific area that includes somewhere for me to work during the times I am not teaching specifically that I don't need to 'book out'. I like having an area that is not public to students where I can go to focus.

Somewhere to work away from students.
Activity 9

Vote for your favourite learning space.

Teaching and Learning Spaces
• Vote

Results
MKC Results

Your favourite type of space

[Bar chart showing preferences for different types of space, with the highest preference being for a score of 3.]
Activity 10

Vote for your favourite workspace.

Results

Workspaces

• Vote
Vote
MKC Results

Your favourite type of space

Go to www.menti.com and use the code 55276579

MK College Group
Thinglink