

ABC Learning Design, ABC to VLE Erasmus+ project

Clive Young and Nataša Perović UCL Digital Education



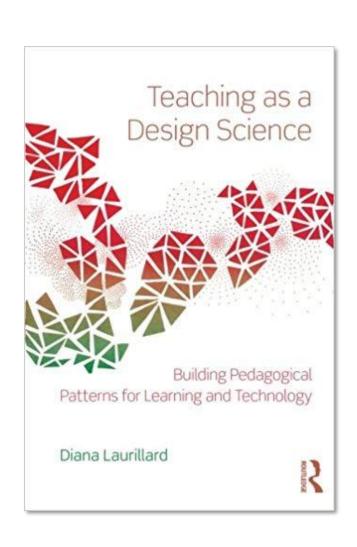




The ABC curriculum design method is an effective and engaging hands-on, card-based approach to curriculum design – curriculum design is where change happens.

Why ABC?

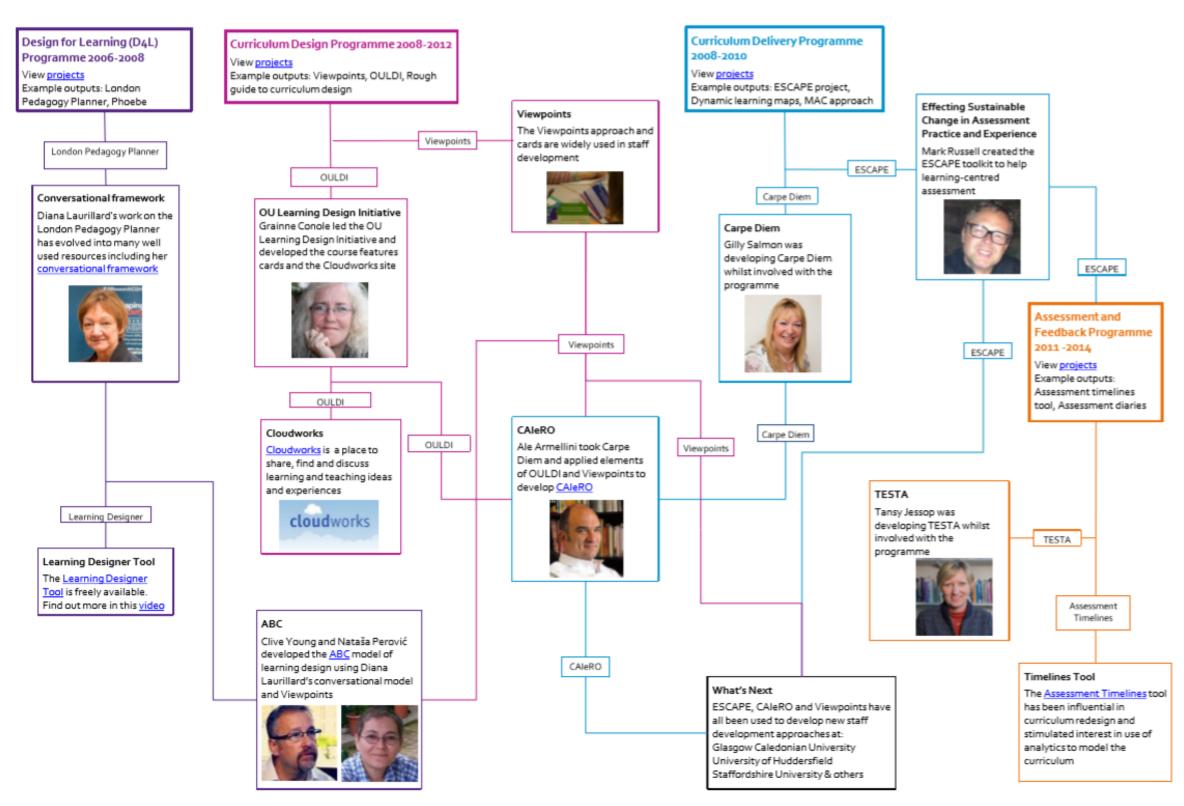
- fast requires minimal preparation
- student centred approach
- stimulates informed dialogue among teams
- aligns to strategic aims
- encourages blended approaches
- based on established theory 'Conversational Framework' (Laurillard 2012)
- discipline-neutral
- works for HE, FE, CPD, Moocs, with students etc.
- widely used growing international community





Learning Design Family Tree: Jisc project outcomes and key external relationships

There were many other excellent projects in each of these programmes whose outputs are still being used and, of course, each of the projects was the result of teamwork but here we have chosen to feature a few prominent individuals and outcomes



ABC international community



History of ABC

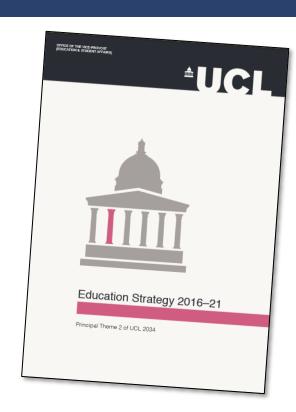
2014 - 2015 initial trials at UCL Medical Science

2015 - 2016 **LERU Universities**, inclusion in **UCL Educational Strategy**

2016 - 2018 **Hefce Project** – Toolkit 2018 (https://blogs.ucl.ac.uk/abc-ld/home/abc-ld-toolkit/) and evaluation, JISC Connect events

2018 - 2020 Erasmus+ project ABC to VLE

(https://abc-ld.org/)













Erasmus+ Project

ABC to VLE: beyond curriculum design

01-09-2018 - 31-08-2020 (24 months)

The partnership will develop ABC as a downloadable toolkit that can be used globally by any institution in the sector.





eDidaktikum

Not just learning design!

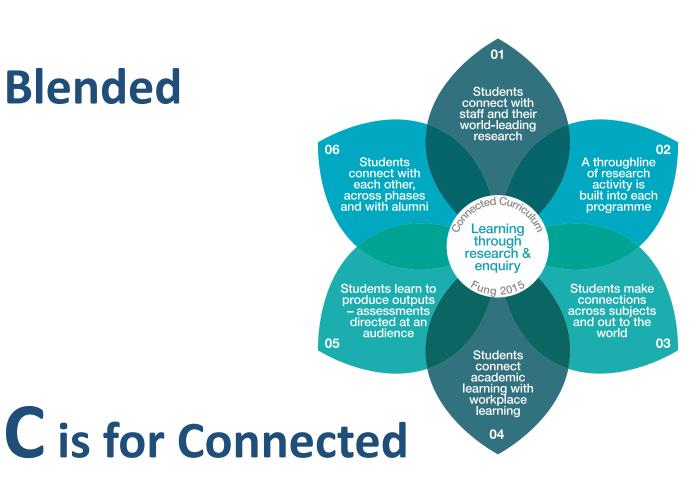
- Learning_Design_— blended courses, programmes, MOOCs,
 CPD, training
- 2. Strategic Development Research based learning, digital capabilities, employability, assessment and feedback review, student input
- 3. Academic Development identification of skills, share practice, terminology, part of courses, practical development exercises, certification, case studies
- **4. Review of technical and support environment –** VLE review, gap analysis, service provision, 'app wheel'
- **5. Quality Assurance** documented part of new module/programme design and review
- **6. Analytics** identification of data points for 'in-flight' feedback and post hoc review
- 7. Problem solving
- 8. Digital capabilities for staff and students

ABC Learning Design in UCL

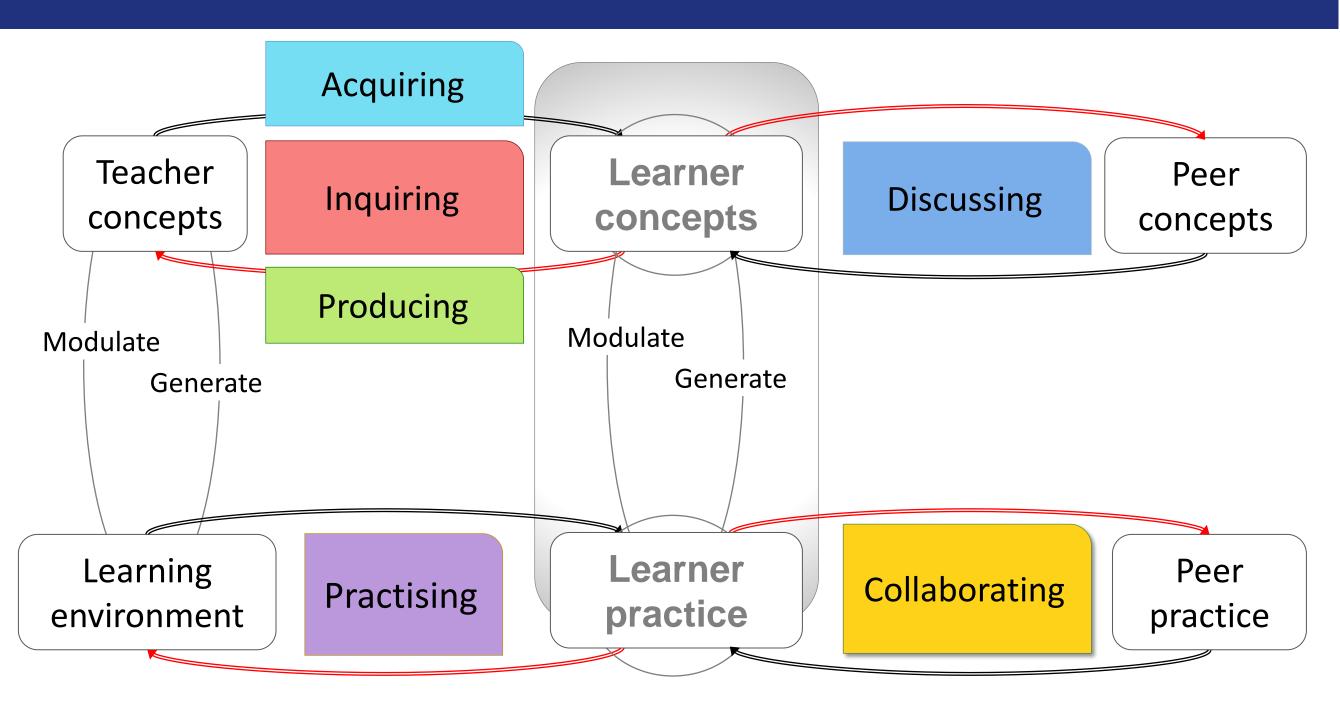
A is for Arena







Learning in the context of adult education: The Conversational Framework



A sequence of learning activities for a specific outcome uses the appropriate balance between all these types of learning, conventional and digital

Learning types cards



Learning through acquisition is what learners are doing when they are listening to a lecture or podcast, reading from books or websites, and watching demos or videos

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Aftic Learning Designment of by Clive Young and Natalia Persold, 1901. (2016). Learning types, Laurilland, D. (2017).

Personner available from https://biogs.ud.ac.ak/ako-ki/

Collaboration

Learning through collaboration embraces mainly discussion, practice, and production. Building on investigations and acquisition it is about taking part in the process of knowledge building itself

Altitionning Designment and by Olive Young and Vatadia Persold, 19th (\$25%). Jeanning types, Laurilland, D. (2012).
Personner available from https://tings.ucl.or.oi/place/

Discussion

Learning through discussion requires the learner to articulate their ideas and questions, and to challenge and respond to the ideas and questions from the teacher, and/or from their peers

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Personner analysis from https://blogs.ud ac.sk/sko-kl/

Investigation

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Practice

Learning through practice enables the learner to adapt their actions to the task goal, and use the feedback to improve their next action. Feedback may come from self-reflection, from peers, from the teacher, or from the activity itself, if it shows them how to improve the result of their action in relation to the goal

Afti Learning Designment and by Olive Young and Matrick Personic, Inth. (2016). Incoming types, Learnifland, D. (2016).

Operance analysis from https://doi.org/10.1007/

Production

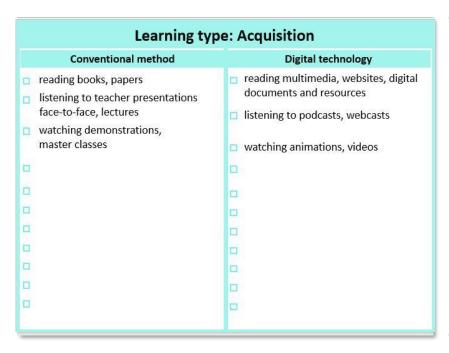
Learning through production is the way the teacher motivates the learner to consolidate what they have learned by articulating their current conceptual understanding and how they used it in practice

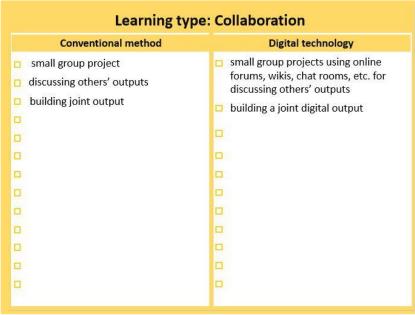
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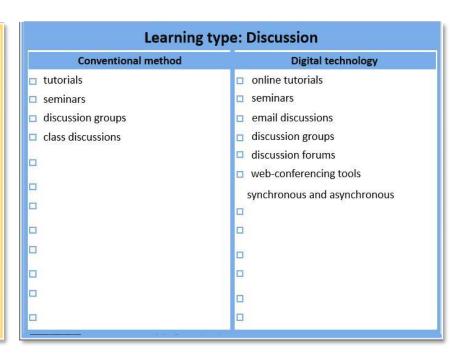
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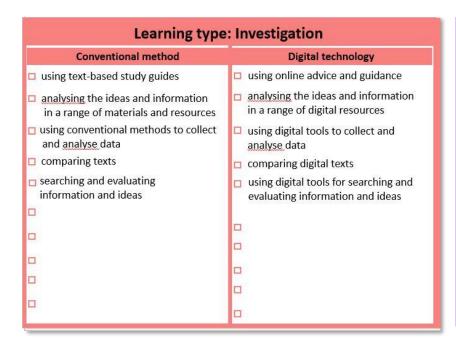
learning types: definitions on one side and examples of activities on the other

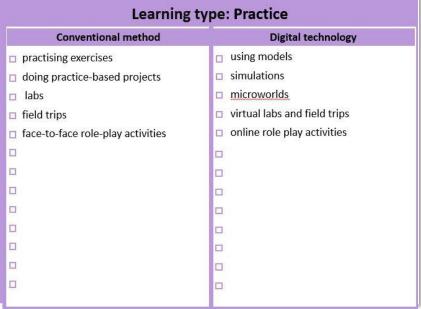
Learning types cards (front and back)











Learning type: Production	
Conventional method	Digital technology
producing articulations using: statements essays reports accounts designs performances artefacts animations models videos	 producing and storing digital documents representations of designs performances, artefacts animations models resources slideshows photos videos blogs e-portfolios.

learning types: definitions on one side and examples of activities on the other

Learning type: Acquisition	
Conventional method	Digital technology
 reading books, papers listening to teacher presentations face-to-face, lectures watching demonstrations, master classes 	reading multimedia, websites, digital documents and resources listening to podcasts, webcasts watching animations, videos

Learning type: Collaboration	
Conventional method	Digital technology
small group project discussing others' outputs building joint output	 small group projects using online forums, wikis, chat rooms, etc. for discussing others' outputs building a joint digital output

Learning type: Discussion	
Conventional method	Digital technology
tutorials tutorials	online tutorials
seminars	seminars
discussion groups	email discussions
class discussions	discussion groups
	 discussion forums
(Adapti	web-conferencing tools
	synchronous and asynchronous

Learning type: Investigation	
Conventional method	Digital technology
using text-based study guides	using online advice and guidance
□ analysing the ideas and information in a range of materials and resources	analysing the ideas and information in a range of digital resources
using conventional methods to collect and analyse data	 using digital tools to collect and analyse data
comparing texts	comparing digital texts
searching and evaluating information and ideas	 using digital tools for searching and evaluating information and ideas

Learning type: Practice	
Conventional method	Digital technology
 practising exercises 	using models
□ doing practice-based projects	□ simulations
□ labs	□ microworlds
□ field trips	 virtual labs and field trips
☐ face-to-face role-play activities	 online role play activities

Learning type: Production	
Conventional method	Digital technology
producing articulations using: statements essays reports accounts designs performances artefacts animations models videos	 producing and storing digital documents representations of designs performances, artefacts animations models resources slideshows photos videos blogs e-portfolios.

Additional activities, V- Visible learning A - can be assessed (F or S)

Investigation

Web search (forum, wiki) V
OER resources (external)
Literature reviews and critiques
(forum/blog/wiki/RSS) V
Field/lab observations (media/blog/wiki) V
Action research V
Authentic research / data analysis – write a paper V
Lead a group project V

Acquisition

Guided readings (library resources)
OER resources (external)
Podcast (media) V if students do it
Webinars (virtual classroom) V
Q&A forum (forum, where teachers answer
student questions) V
Video lectures (webcast),
YouTube videos (external)
Field/lab observations (media/blog/wiki) V
MCQs - formative with automatic feedback V
Portfolios (MyPortfolio) V

Practice

MCQs - formative with automatic feedback V/A
Online role play (forum, virtual classroom)
Reflective tasks – group or individual (forum) V/A
Case studies (forum, lesson) V/A
Rapid-fire exam questions (forum) V/A
Advanced role play – you are the consultant etc. V

Collaboration

Collaborative wiki - what do we know about ...? V/A

Develop a shared resource library (database/glossary/wiki) V Social networking – participate (external) V Special interest groups - share on a topic (forum) V Mentor other learners V

Discussion

Interview an expert (forum/chat) V
Webinars (virtual classroom) V
Model answers/examples of previous work (forum)
Analyse chat text (in course or uploaded) V
Job/professional reflections (blog) V/A
Group discussions on the topic, problem, reading (chat/blog/wiki) V/A
Social networking – participate (external) V
Reflective tasks – group or individual (forum) V/A
Special interest groups - share on a topic (forum) V

Lead a group project V/A

Production

Interview an expert (video/forum/chat) V Literature reviews and critiques (forum/blog/wiki/RSS) V/A MCQs - formative with automatic feedback V/A **Develop a shared resource library** (database/glossary/wiki) V/A Shows/demonstrates learning (displays, posters, presentations) V/A Portfolios (MyPortfolio) V/A Case studies (forum, lesson) V/A Summarisation tasks (upload texts – individual or group) V/A Rapid-fire exam questions (forum) V/A Concept mapping (external) V Create video of performance (media) V/A Audio commentary of performance (media) V/A Skype or virtual classroom 'viva' V/A Make and give a presentation (external) V/A Video blog (external) V/A Write a report (external) V/A

Action plan for further study V/A
Authentic research / data analysis – write a paper
V/A
Prepare professional briefing V/A
Create, make a case (study) V/A

Advanced role play – you are the consultant etc. V

Create, make a case (study) V/A
Create podcast (media) V/A
Work assignment (blog/report) V/A
Interview professional colleagues V/A
Lead a group project V/A

Make an analysis (external) V/A

Action plan for workplace V/A

Case studies V/A

ABC Learning Design workshop

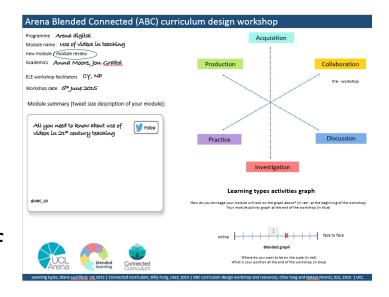


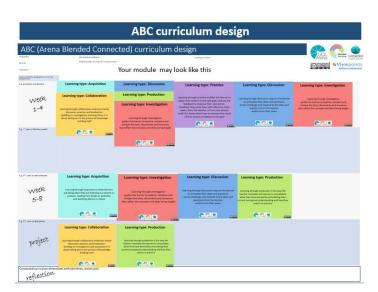
Workshop schedule:

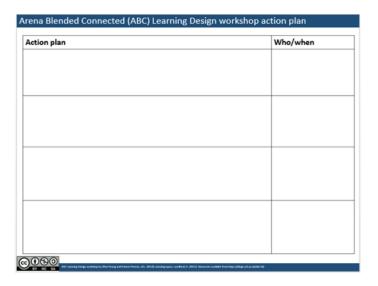
- Module info, tweet and shape
 - **Tweet your module** tweet size description of your module
 - Module shape (Learning types activities graph) distribution of learning types
 - **Blend** (blended graph)
- **Storyboard of student journey**
 - **Storyboard** learning types sequences and activities
 - Assessment align activities and assessment \overleftrightarrow{x}



- Module info, tweet and shape
 - **Review the graphs** what has changed? Why?
- **Actions** what next for team?







Programme Arena digital

Module name Use of Videos in teaching

new module (module review)

Academics Anna Moore, Jon Grabol

ELE workshop facilitators CY, NP

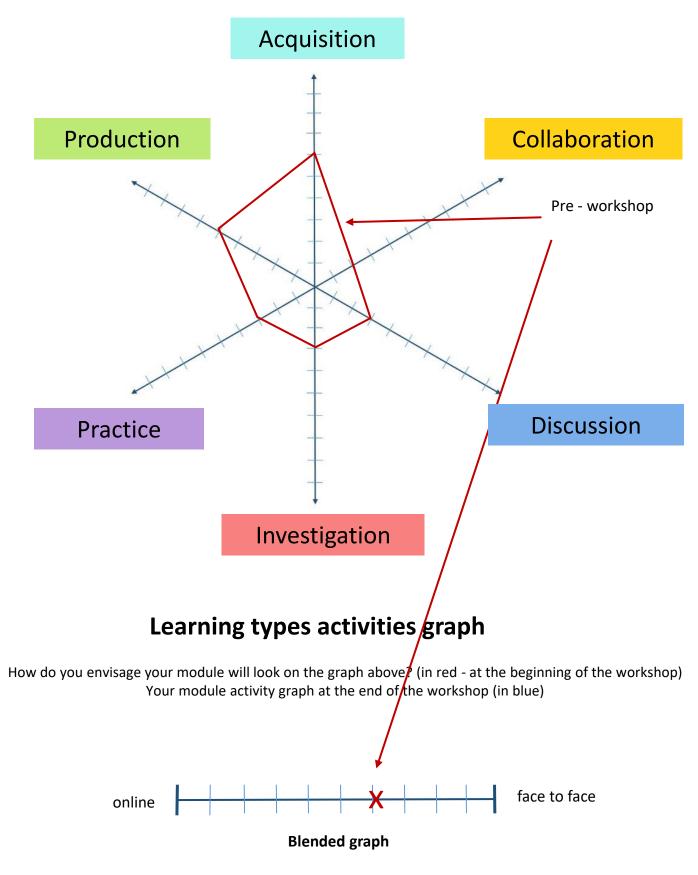
Workshop date 5th June 2015

Module summary (tweet size description of your module):

All you need to know about use of videos in 21st century teaching



@ABC_LD



Where do you want to be on the scale (in red)
What is your position at the end of the workshop (in blue)

ABC (Arena Blended Connected) curriculum design











Low-ten Greating (programme or modula pumposition)

fl.g. pre-entry or induction.

Programme

Beautiers by

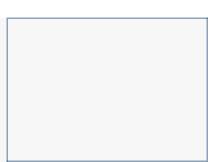




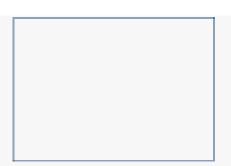
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Learning automorphis





E.a. 2" upon on first flest weeks.

Week. 5-8

E.g. 2" year or mid semester



E.g. 3" pear or final phase

arning type: Acquisition

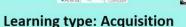
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Learning type: Acquisition

Learning through acquisition is what learners are doing when they are listening to a lecture or podcast, reading from books or websites, and watching demos or videos



Learning type: Practice

Learning through practice enables the learner to adapt their actions to the task goal, and use the feedback to improve their next action. Feedback may come from self-reflection, from peers, from the teacher, or from the activity itself, if it shows them how to improve the result of their action in relation to the goal







Learning type: Practice

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Learning type: Discussion

Learning through discussion requires the learner to articulate their ideas and questions, and to challenge and respond to the ideas and questions from the teacher, and/or from their peers



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Learning type: Production

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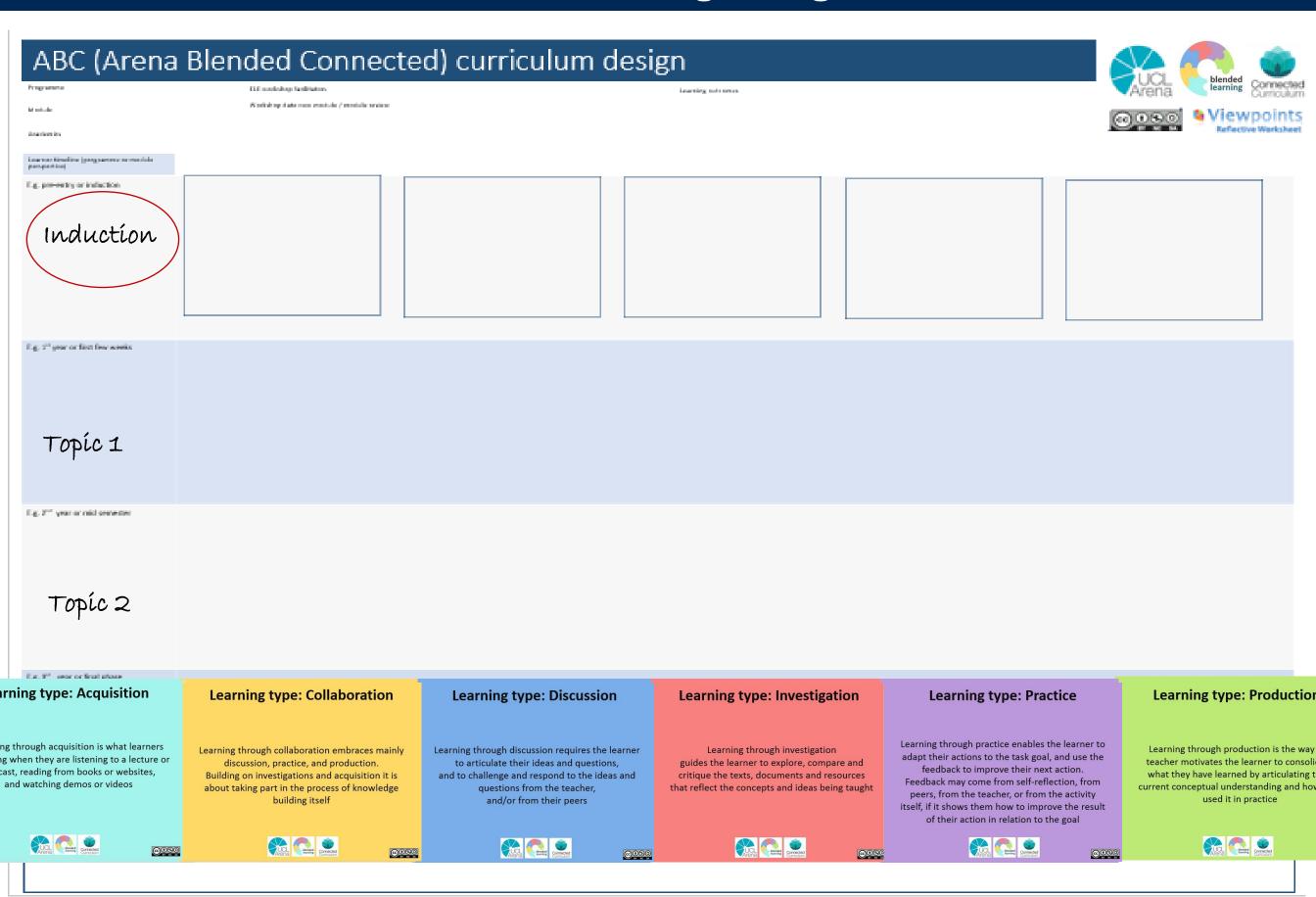












ABC (Arena Blended Connected) curriculum design

Washish up it also mean counts do / constable services

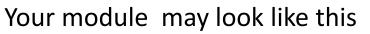












Learner Similine (programme or module perspective)

E.g. pre-entry or induction.

March de

E.g. 2" year or first few weeks.

Learning type: Acquisition

Learning type: Collaboration

Learning through collaboration embraces mainly discussion, practice, and production. Building on investigations and acquisition it is about taking part in the process of knowledge building itself







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Learning type: Discussion

Learning type: Production

Learning type: Investigation

Learning through investigation guides the learner to explore, compare and critique the texts, documents and resources that reflect the concepts and ideas being taught





Learning type: Practice

Learning techniques.

Learning through practice enables the learner to adapt their actions to the task goal, and use the feedback to improve their next action. Feedback may come from self-reflection, from peers, from the teacher, or from the activity itself, if it shows them how to improve the result of their action in relation to the goal



Learning type: Discussion

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Learning type: Investigation

Learning through investigation guides the learner to explore, compare and critique the texts, documents and resources that reflect the concepts and ideas being taught









E.g. 2rd year or mid semester

Learning type: Acquisition

Learning through acquisition is what learners are doing when they are listening to a lecture or podcast, reading from books or websites, and watching demos or videos



Learning type: Investigation

Learning through investigation guides the learner to explore, compare and critique the texts, documents and resources that reflect the concepts and ideas being taught



Learning type: Discussion

Learning through discussion requires the learner to articulate their ideas and questions, and to challenge and respond to the ideas and questions from the teacher, and/or from their peers



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Learning type: Production

Learning through production is the way the teacher motivates the learner to consolidate what they have learned by articulating their current conceptual understanding and how they used it in practice







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E.g. F^a people from phase

project

Learning type: Collaboration

Learning through collaboration embraces mainly discussion, practice, and production. Building on investigations and acquisition it is about taking part in the process of knowledge building itself



Learning type: Production

Learning through production is the way the teacher motivates the learner to consolidate what they have learned by articulating their current conceptual understanding and how they used it in practice



Connected curriculum dimensions and comments, action plan

reflection

ABC (Arena Blended Connected) curriculum design

Windship up it at a many provincia / provincia province

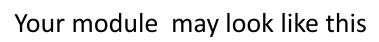














Martinle

E.g. pre-entry or induction.

E.g. 2" year or first few weeks.

Learning type: Acquisition

Learning through collaboration embraces mainly discussion, practice, and production. Building on investigations and acquisition it is about taking part in the process of knowledge



Learning type: Collaboration

building itself



discussion, practice, and production. Building on investigations and acquisition it is

about taking part in the process of knowledge

building itself

Learning type: Discussion

Learning type: Production

Learning type: Investigation

Learning through investigation guides the learner to explore, compare and critique the texts, documents and resources that reflect the concepts and ideas being taught

Learning type: Practice

Learning puts series

Learning through practice enables the learner to adapt their actions to the task goal, and use the feedback to improve their next action. Feedback may come from self-reflection, from peers, from the teacher, or from the activity itself, if it shows them how to improve the result of their action in relation to the goal



Learning type: Discussion

Learning through discussion requires the learner to articulate their ideas and questions, and to challenge and respond to the ideas and questions from the teacher, and/or from their peers



Learning type: Investigation

Learning through investigation guides the learner to explore, compare and critique the texts, documents and resources that reflect the concepts and ideas being taught







Once happy with your module design, turn the cards to the other side and select learning activities



teacher motivates the learner to consolidate

what they have learned by articulating their

current conceptual understanding and how they

used it in practice

Connected curriculum dimensions and comments, action plan

reflection

Learning techniques.

ABC (Arena Blended Connected) curriculum design

Washish up it also mean counts do / constable services

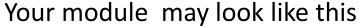


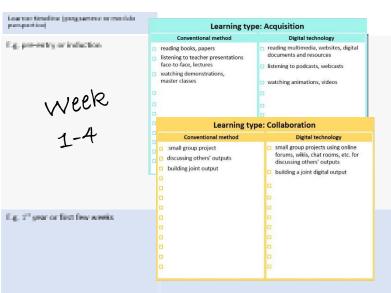


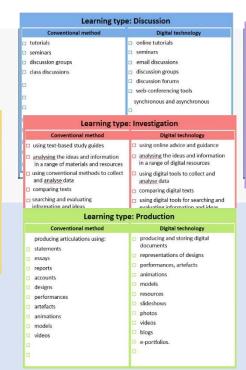


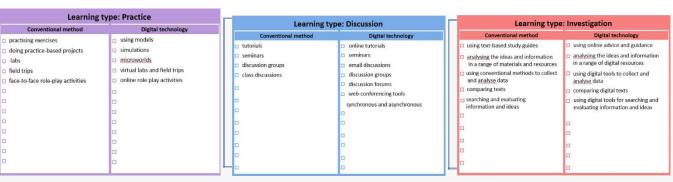












Week 5-8

E.g. 2rd year or mid semester

March de



Digital technology
 using online advice and guidance
 analysing the ideas and information in a range of digital resources
 using digital tools to collect and analyse data
comparing digital texts
 using digital tools for searching and evaluating information and ideas

Learning type: Discussion	
Conventional method	Digital technology
Conventional method tutorials seminars discussion groups class discussions	online tutorials seminars email discussions discussion groups discussion forums web-conferencing tools synchronous and asynchronous
	0

Conventional method	Digital technology
producing articulations using: statements essays reports accounts designs performances artefacts animations models videos	producing and storing digital documents representations of designs performances, artefacts animations models resources slideshows photos videos blogs e-portfolios.

project

E.g. 3" year or final phase





Select learning activities and add your own activities

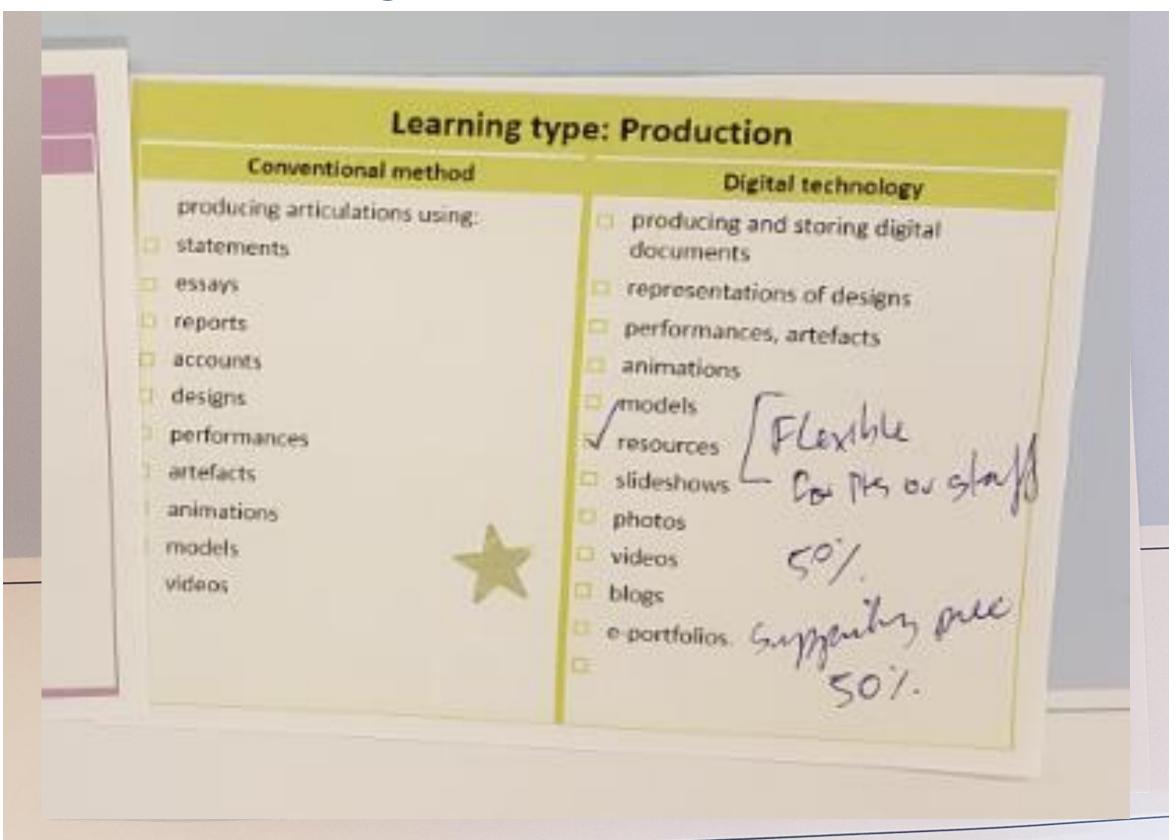
Connected curriculum dimensions and comments, action plan

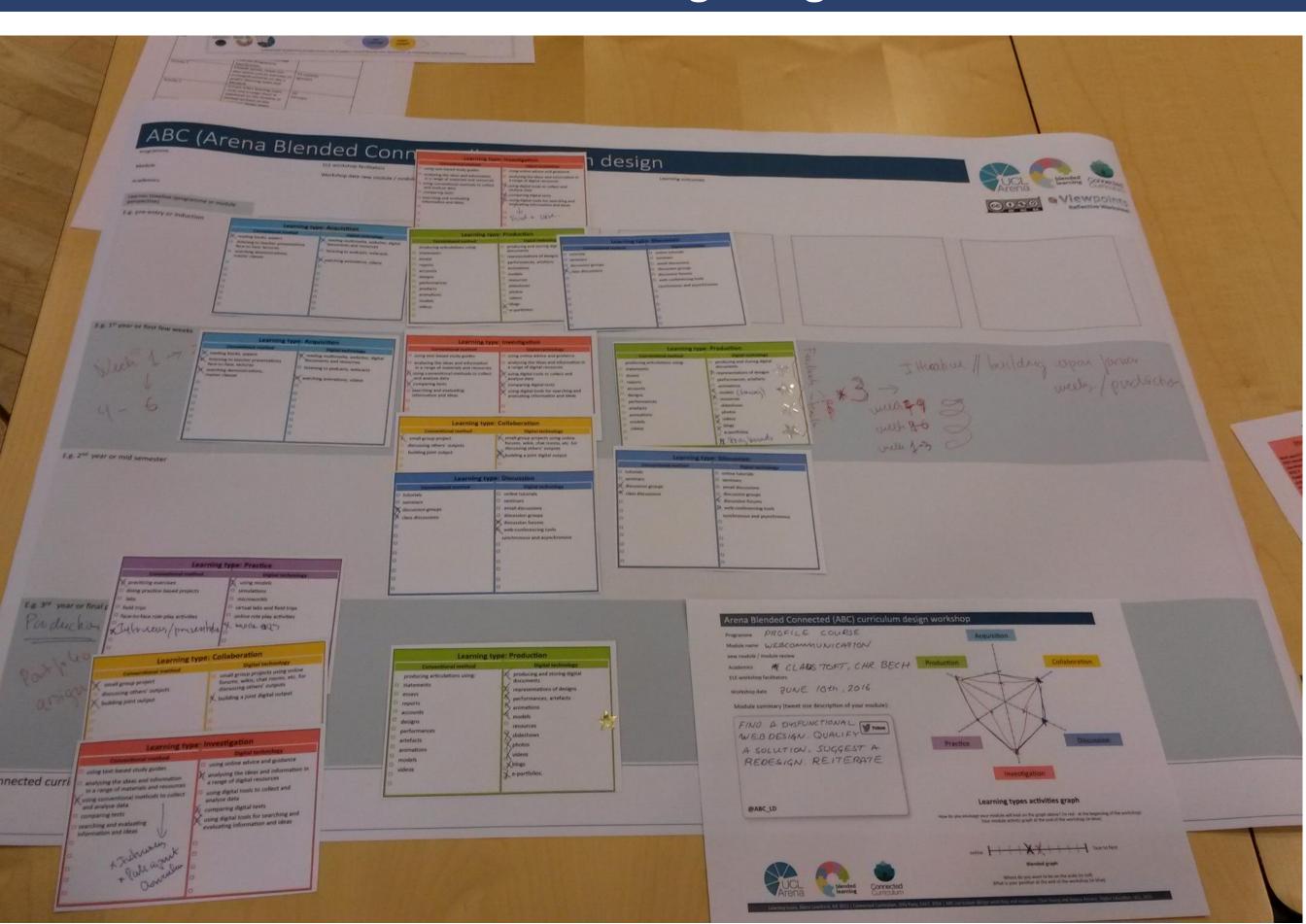
reflection

Selecting activities and assessment

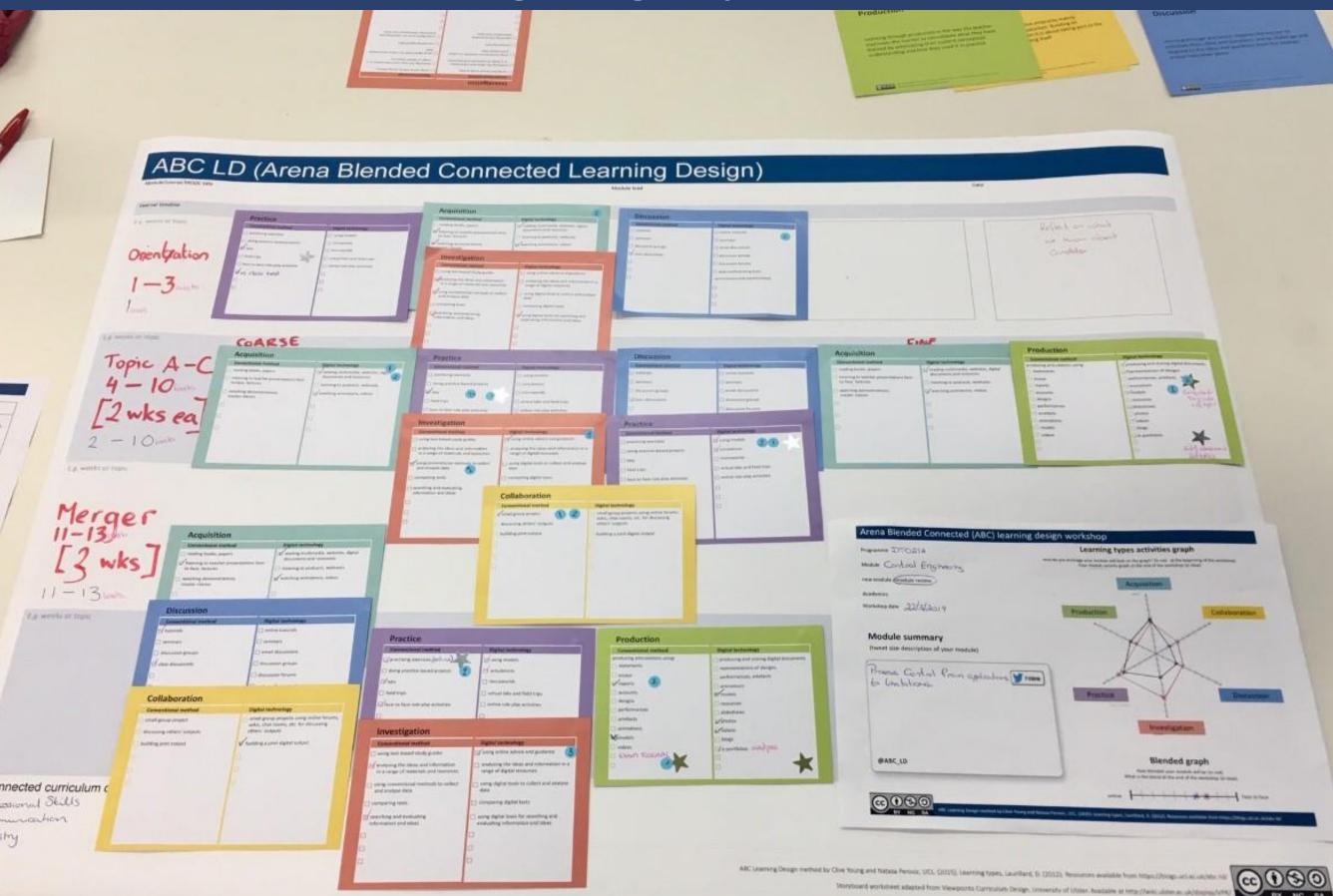
Learning type: Practice		
Conventional method	Digital technology	
 practising exercises 	using models	
 doing practice-based projects 	□ simulations	
	□ microworlds	
□ field trips		
☐ face-to-face role-play activities	 online role play activities 	

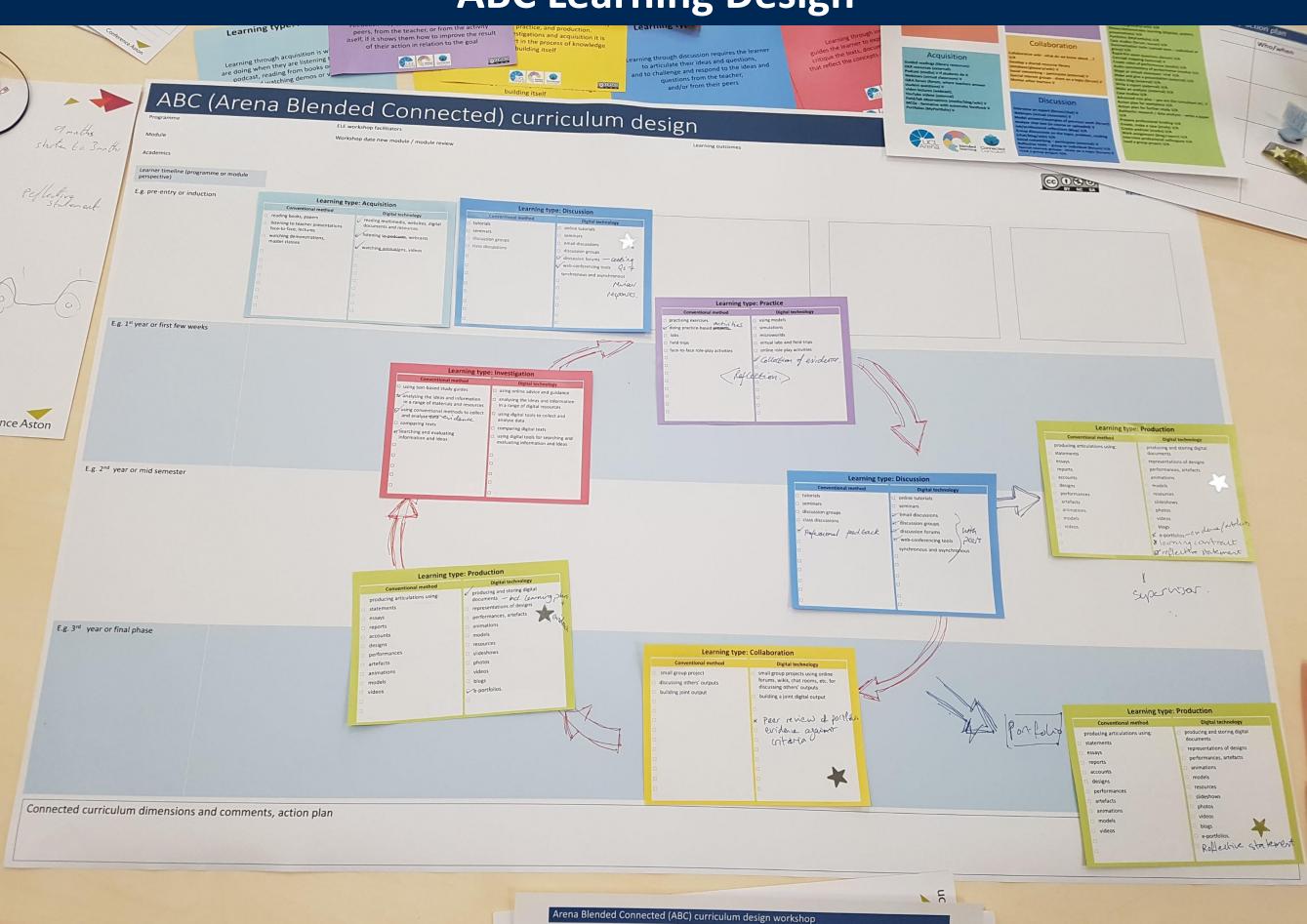
Selecting activities and assessment



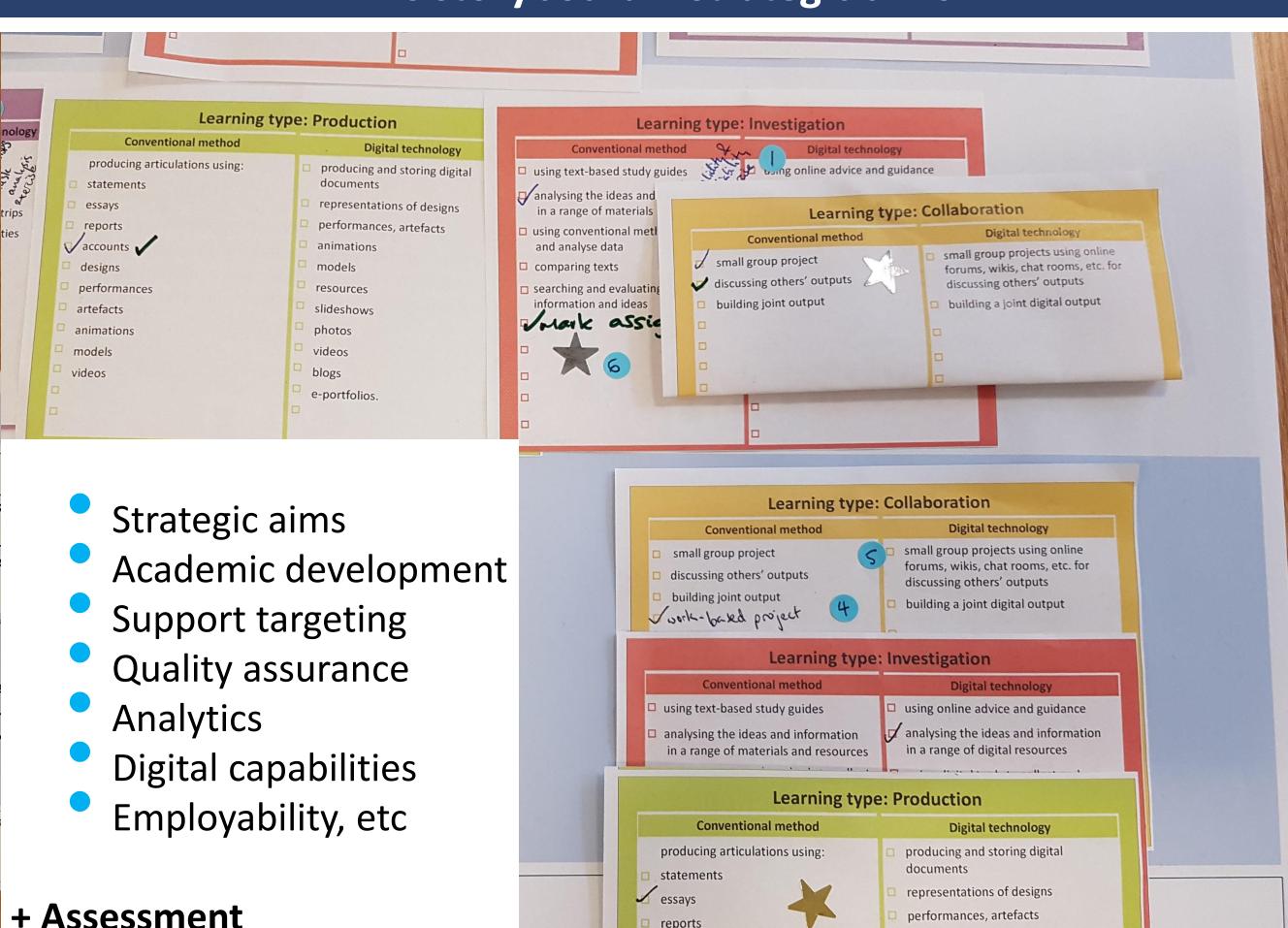


ABC Learning Design + professional skills



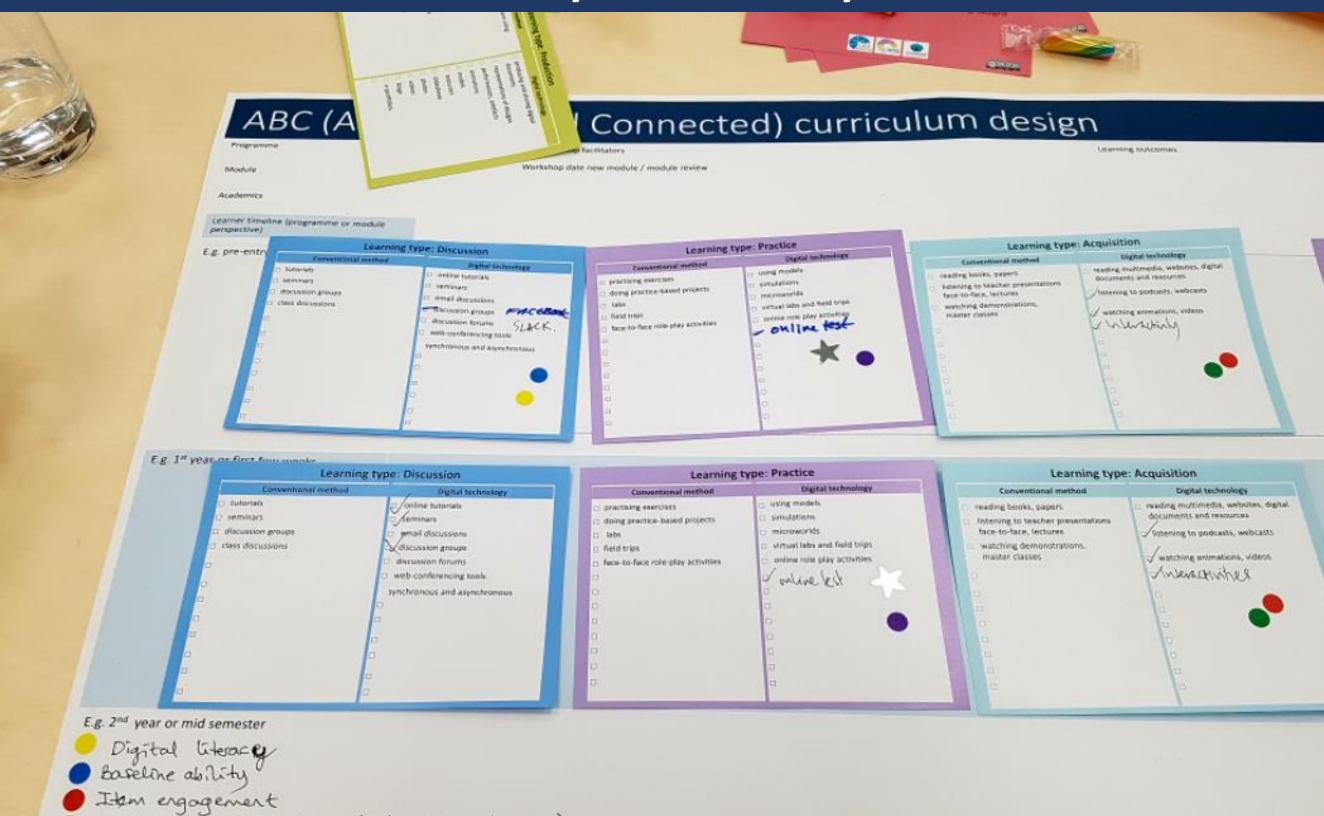


ABC storyboard + strategic aims



reports

ABC storyboard + analytics



what stidents have tagged (porther /por us)

Aspesement

Programme Arena digital

Module name Use of videos in teaching

new module (module review

Academics Anna Moore, Jon Grabol

ELE workshop facilitators CY, NP

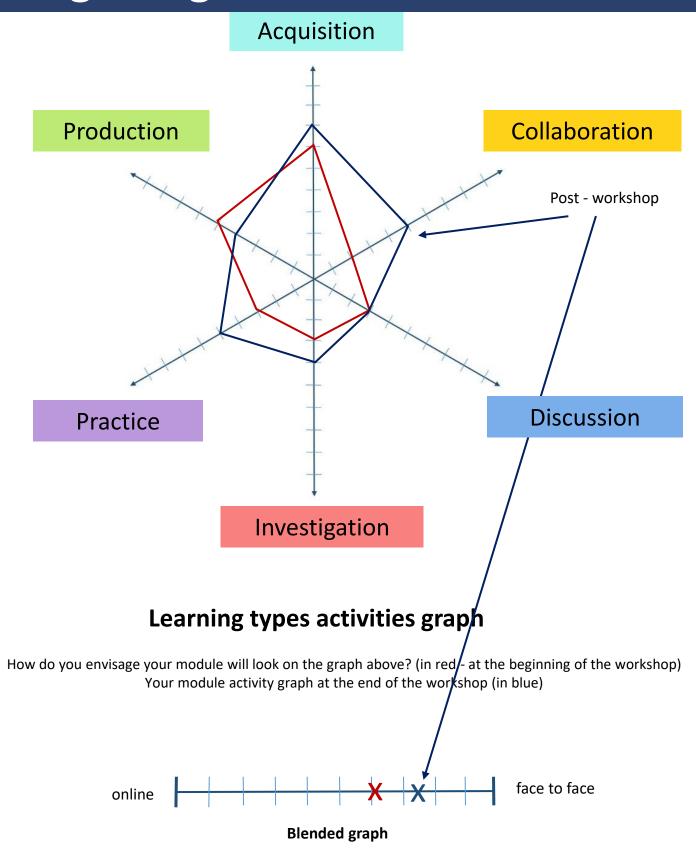
Workshop date 5th June 2015

Module summary (tweet size description of your module):

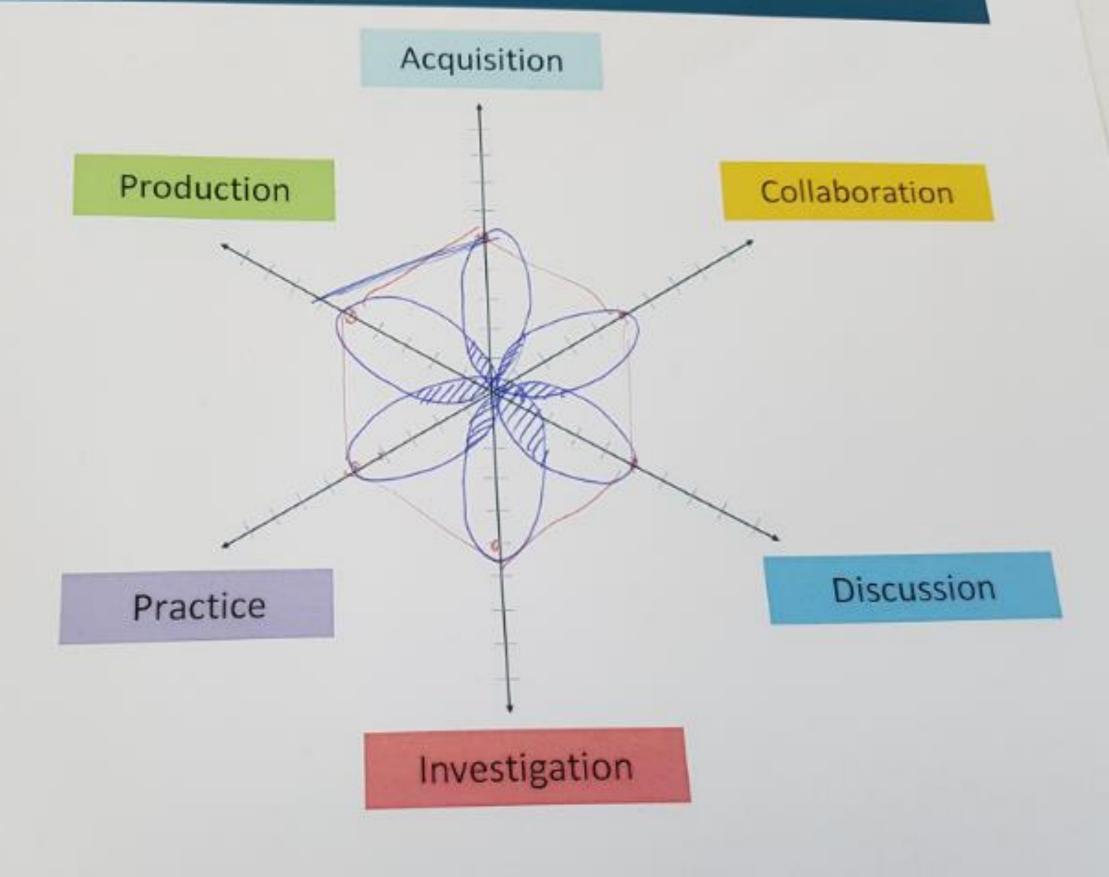
All you need to know about use of videos in 21st century teaching



@ABC_LD



Where do you want to be on the scale (in red)
What is your position at the end of the workshop (in blue)



Learning types activities graph

with the graph above? (in red - at the beginning of the workshop

odule):

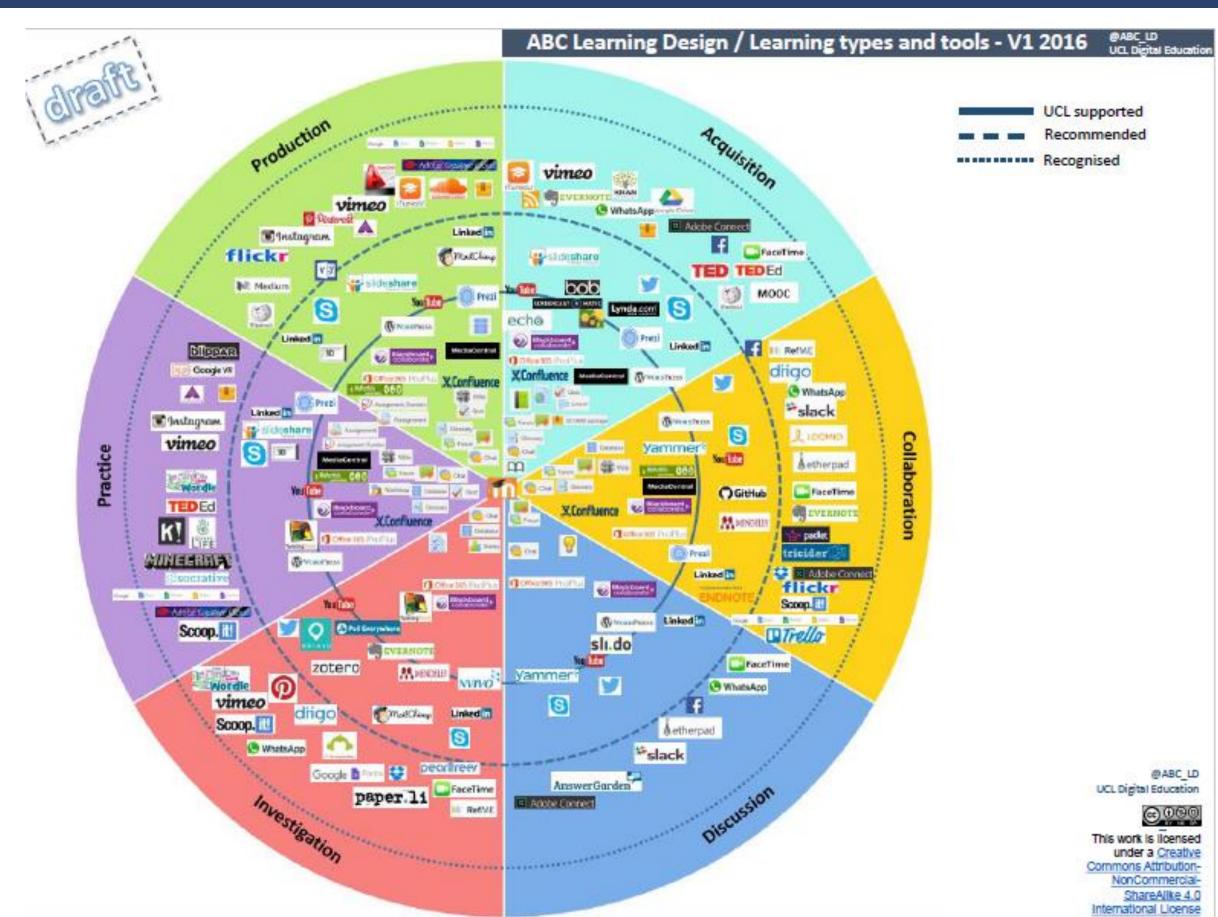
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elif.

Action plan

Arena Blended Connected (ABC) Learning Design workshop action plan

Action plan	Who/when

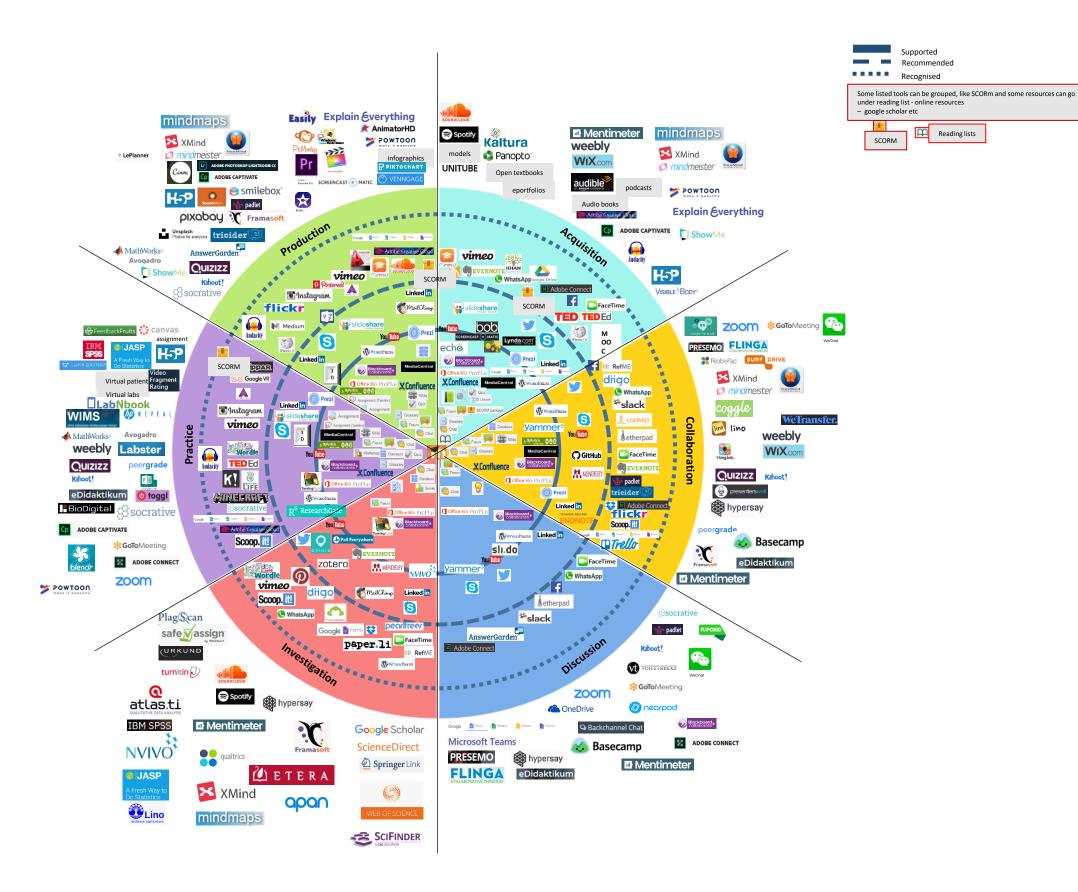


ABC to VLE – Learning types and tools meta wheel - V2 2019

Supported Recommended Recognised

Reading lists





Beyond curriculum design















eDidaktikum

http://abc-ld.org/abc-to-vle/

ABC what next?

1. Erasmus +

- Review of 'localisation' publication/report
- ABC to VLE crowdsourcing T&L 'recipes'
- Pre-ABC workshop in development
- ABC network? What can we do with a common/transnational/interdisciplinary design language? Joint publications? Affiliates?
- 2. Canvas network (Lund/Oxford/Amsterdam) + Sweden
- Certification badging
- 4. ABC Hubs sustainability
- 5. Academic development course?
- 6. R&D lots of projects
- 7. Funding Erasmus and beyond





ABC toolkit



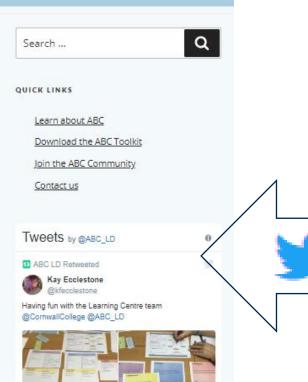


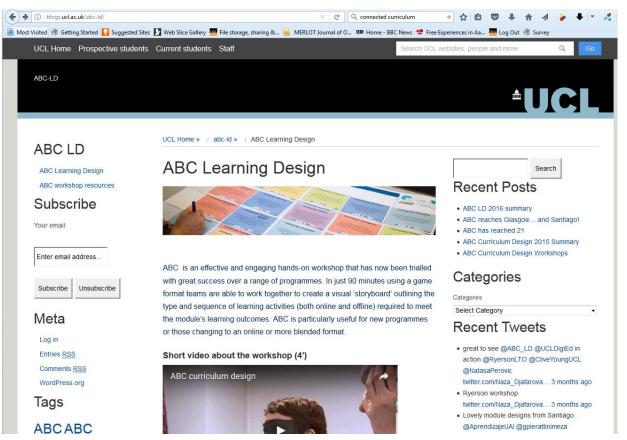
About ABC



Teachers discussing the redesign of a module during an ABC workshop at UCL.

ABC Learning Design is a high-energy, hands-on curriculum development workshop developed at <u>UCL</u>. In just 90 minutes teaching teams work together to create a visual 'storyboard'. The storyboard is made up of pre-printed cards representing the type and sequence of learning activities (both online and offline) required to meet the module or programme learning outcomes.





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