IMPLEMENT: Teaching, technology and educational communities in a digitally saturated world.

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1: National Heart and Lung Institute, Faculty of Medicine, Imperial College London
Session aims

• Introduce the IMPLEMnT project
• Discuss changing expectations of the use of technology
• Consider the role community plays in empowering users of EdTech
• Share what IMPLEMnT is doing to simplify the process of linking technology and good pedagogy
Why are we doing it?
“develop online and digital enhancements to our curricula” and “make our teaching more interactive, more supportive, more challenging and more rewarding for our students.”

*Imperial College London - Teaching and Learning Strategy*
Our questions

- How are those enhancements being made?
- When?
- By who?
What is IMPLEMnT?

TECHNOLOGY

TEACHING

TECHNOLOGY ENHANCED TEACHING
When we were young...

...Now
Now...

...when we were young
Different tech does different things

Snow mobile for rough terrain
Cruise control for open road
Vespa for busy city streets
High quality does not always mean marble…

‘David’
by Michaelangelo

‘David’
by Lego

Bespoke content

DIY
How are we doing it?
User interface – phase 1

**Structure**

**Content**

**Community**

[implemntproject.com](http://implemntproject.com)

Trello

**About**

Trello is based on a KANBAN system for managing projects and is available via web and mobile application. It uses 'boards' that allow users to move tasks through the stages of a project and share ideas.

**Teaching**

Trello has been adopted across a range of disciplines and utilised as an educational tool; available via web and mobile application. Trello is recognised as a platform for collaborative learning and a resource to improve time / task management, providing students with streamlined information and a means to facilitate effective communication. The network of boards, lists and cards within Trello help create a 'system', allowing groups to organise...
**Behind the scenes**

<table>
<thead>
<tr>
<th>Name</th>
<th>What it does</th>
<th>Case Studies</th>
<th>4 word description</th>
</tr>
</thead>
<tbody>
<tr>
<td>lynda.com</td>
<td>Lynda provides video tutorials and courses for professionals and students.</td>
<td>Dr Louise Blumen, information, flip</td>
<td>implemnt team, free/intitute licence, online academic, YES</td>
</tr>
<tr>
<td>TED</td>
<td>TED: Ideas worth spreading</td>
<td>implement team</td>
<td>free/intitute licence, online academic, YES</td>
</tr>
</tbody>
</table>

**How it is used for teaching**

<table>
<thead>
<tr>
<th>Room set up</th>
<th>Type of session</th>
<th>Format of a session</th>
<th>Staff activities</th>
<th>Student activities</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-3 hours</td>
<td>Lectures are the quintessential approach to teaching in higher education. They are often delivered to large groups of students by a single lecturer, making them time-efficient and effective.</td>
<td>The role of the lecturer is to communicate the academic content in a coherent and stimulating manner.</td>
<td>The amount of content a lecture is debated. It is structured in a way that students are engaged and active.</td>
<td></td>
</tr>
</tbody>
</table>

@implemntproject
How we are collecting content

Structure → Content → Community

On campus technology

Association of Learning Technologists – online conference edit-a-thon

Imperial edit-a-thon
“A website in itself is not a community of practice. Having the same job or the same title does not make for a community of practice unless members interact and learn together.”

Etienne and Beverly Wenger-Trayner, 2015
Creating a community
“Excellent teachers are always good, and the bog-standard never change”

“Teaching is about the inspiring performance of individuals”
I think good teaching, like good research results from collaboration with other educators, students and external partners.
Who are our ‘teachers’

- GTA
- Academics
- Teaching fellow
- Lab tech
- Clinicians
- Other students
- Librarians
- Learning technologists
- ?
“Now, keep in mind that these numbers are only as accurate as the fictitious data, ludicrous assumptions and wishful thinking they’re based upon!”
To foster an “appropriate level of contact, stimulation and challenge, which encourages student engagement and effort with emphasis on a personalised academic experience which maximises retention, progression and attainment.”
How do we give TEF what it wants?

- Active classrooms
- Personalised learning?
The TEF reality

- Teaching Theory?
- College Strategy
- REF?

?
So where is the support?

HEA?  

JISC?  

Google?
But our educator is still alone 😞
Collecting content to create community?

- On campus technology
- Imperial edit-a-thon
- Association of Learning Technologists – online conference edit-a-thon
- Implemntproject.com