Using technology in your teaching
Introductory quiz

To let you experience one of the services we will be discussing later on:

In your groups, answer the questions which are shown on the tablet.
Session Objectives

By the end of this workshop you should be able to:

- Consider how you might be able to use technology in your teaching
- Plan how to get started using one or more of the methods we will introduce to you
- Identify how to access help and support when creating teaching sessions that incorporate technology
Over to you...

Task: in groups of 3 discuss;

• what you think the benefits and barriers are to using technology in your teaching.

Time: 2 minutes
Our future students and trainees?
Engaged or not?
Active learning and evaluation

**Interaction** using technology enables active rather than passive learning

- supports different learning styles
- helps change stimulus during teaching sessions
- identifies prior knowledge
- allows students to self evaluate
- can give effective and timely feedback
- allows students to study when, where and how they like
Over to you...

Task: in groups of 3 discuss;

• what technology you *currently* use in teaching

• what technology you *would like* to use in teaching

Time: 2 minutes
Introduction to today’s tasters

- ‘Top Hat’ voting
- Using Smartboards
- Recording media
- Videos into PowerPoint
Thanks for filling out the survey

Results:

https://admin.onlinesurveys.ac.uk/account/edinburgh/analyse/194876/
Over to you...

Activity: have a go!

- Divide yourselves into groups of 2-3.
- Each group will work through these 3 tools:
  1. Uploading and making videos with ‘Media Hopper’
  2. Inserting videos into PowerPoint
  3. Voting with ‘Top Hat’
  4. Using SMART boards
- Use the worksheets provided for each activity

Time: 15 mins (+ 5 mins feedback) after each activity
Using ‘Media Hopper’

• Media Hopper
  - uploading an existing video
  - making a new video

• Page 2 of the worksheets

Time: 15 mins (+ 5 mins feedback)
Activity 1 – Making a video

Why?

• Supports different learning styles
• Supports different learning speeds
• Good when repeated delivery needed
• Learn anywhere and any time
• Good for revision
Inserting videos into PowerPoint

Multiple sources (eg Media Hopper, Hard drive)

• Page 5 of the worksheets

Time: 15 mins (+ 5 mins feedback)
Activity 2 – Putting videos into PowerPoint

Why?

- Visual triggers for discussion
- Change stimulus during session
Voting with ‘Top Hat’

‘Top Hat’
- Creating questions
- Asking questions

• Page 7 of the worksheets

Time: 15 mins (+ 5 mins feedback)
Activity 3 – Live voting in the classroom

Why?

• Assesses prior knowledge
• Reactivates prior learning
• Responsive teaching
• Good for self-assessment
• Feedback method
Activity 4 – SMART Board
SMART Boards

• Interactive displays (for local PC only)

• Replace the old data projectors

• Installed in all CB SRs (1 – 6 and UMTR), Clinical Skills Centre and Greenfield Suite (George Square)

• Capable of displaying widescreen resolutions
Basics 1

- **Power**: (press twice to turn off)
- **Volume**: (not used here)
- **Input Select**
- **Help**: (only when logged in)
- **Calibrate**
Basics 2

- Onscreen Keyboard
- Pen 1
- Eraser
- Pen Colours
- Pen 2
- Right Click Function
Possible uses within PowerPoint

• Highlight text

King Arthur: Now stand aside, worthy adversary.
Black Knight: 'Tis but a scratch.
King Arthur: A scratch? Your arm's off.
Black Knight: No it isn't.
King Arthur: What's that, then?
Black Knight: I've had worse.

Monty Python and the Holy Grail (1975)
Possible uses within PowerPoint

• Highlight part of an image
Possible uses within PowerPoint

• Audience participation

\[ 5 \times 5 = _____ \]

\[ \text{H}_2\text{O is } \quad \text{Water} \quad \text{Carbon Dioxide} \]

\[ \square \quad \square \]
SMART Notepad
And one more thing!

- Virtual classrooms
  - Blackboard Collaborate
  - Adobe Connect
EROS
Edinburgh Reusable Object Sequencer

THE ‘E’ IN ELEARNING

Jo Spiller
And a bit of socialising

@CEP_UofE
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- Identify how to access help and support in creating your interactive teaching sessions
Using technology in your teaching

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