THE UNIVERSITY of EDINBURGH

Using technology in your teaching

2016

centre for medical education

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

Using Smartboards

'Top Hat' voting

Recording media

Videos into PowerPoint

Thanks for filling out the survey

Results:

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

TECHNOLOGY
ASSESSMENT
VOICETHREAD
CURRICULUM
BLOG
EPORTFOLIO
ENGAGING
CLASSROOM
THEORY
REFLECT
LEARN
CHALLENGE
IMPROVE
DESIGN
DEVELOPMENT
MOODLE
SKILLS
TEAMWORK
CURRICULUM
STUDENTS
EVALUATION
THINK
EDUCATION
PEERS
VIDEO
SEVEN PRINCIPLES
PRESENTATION
ASSESSMENT
FLEX
WORK RELATED LEARNING
EFFECTIVE
LEARNING
INSTRUCTIONAL
ONLINE
TRANSACTIONAL
PRESENCE
VISUAL
COGNITIVE LOAD
DISCUSSION
ASSESSMENT
FACILITATION
DESIGN
COMMUNITY
FORMAL

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

TED Ideas worth spreading

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

BOS
Bristol Online Surveys

SurveyMonkey™

Why?

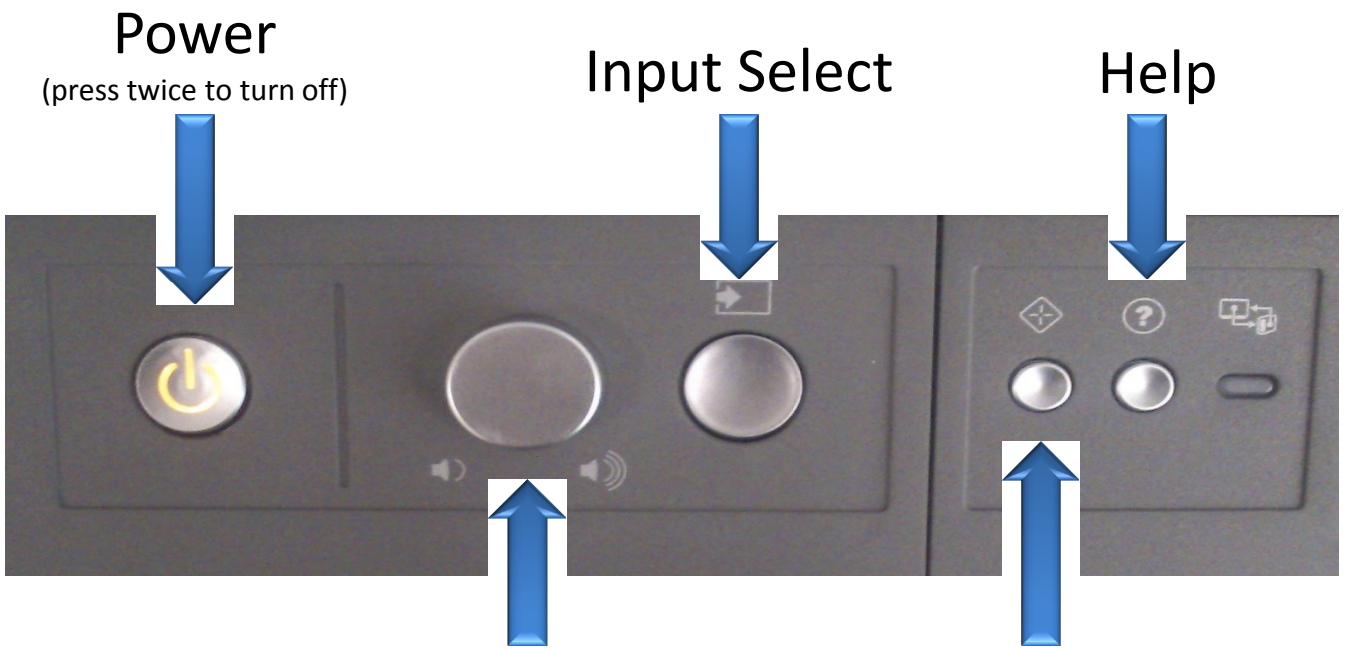
- Assesses prior knowledge
- Reactivates prior learning
- Responsive teaching
- Good for self-assessment
- Feedback method

Activity 4 – SMART Board

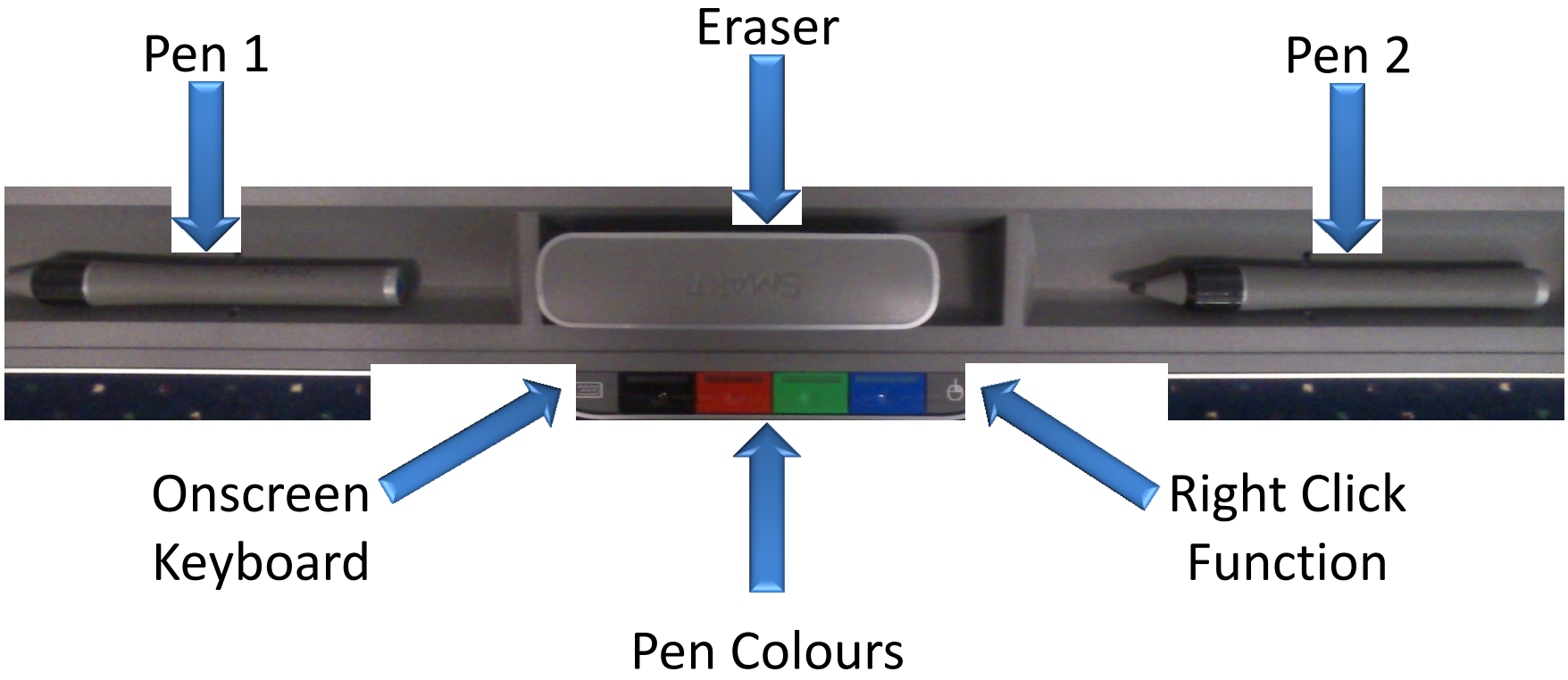
SMART Boards

- 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)
Input Select
Help
Volume
(not used here)
Calibrate
(only when logged in)

Basics 2


Pen 1
Eraser
Pen 2
Onscreen Keyboard
Pen Colours
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

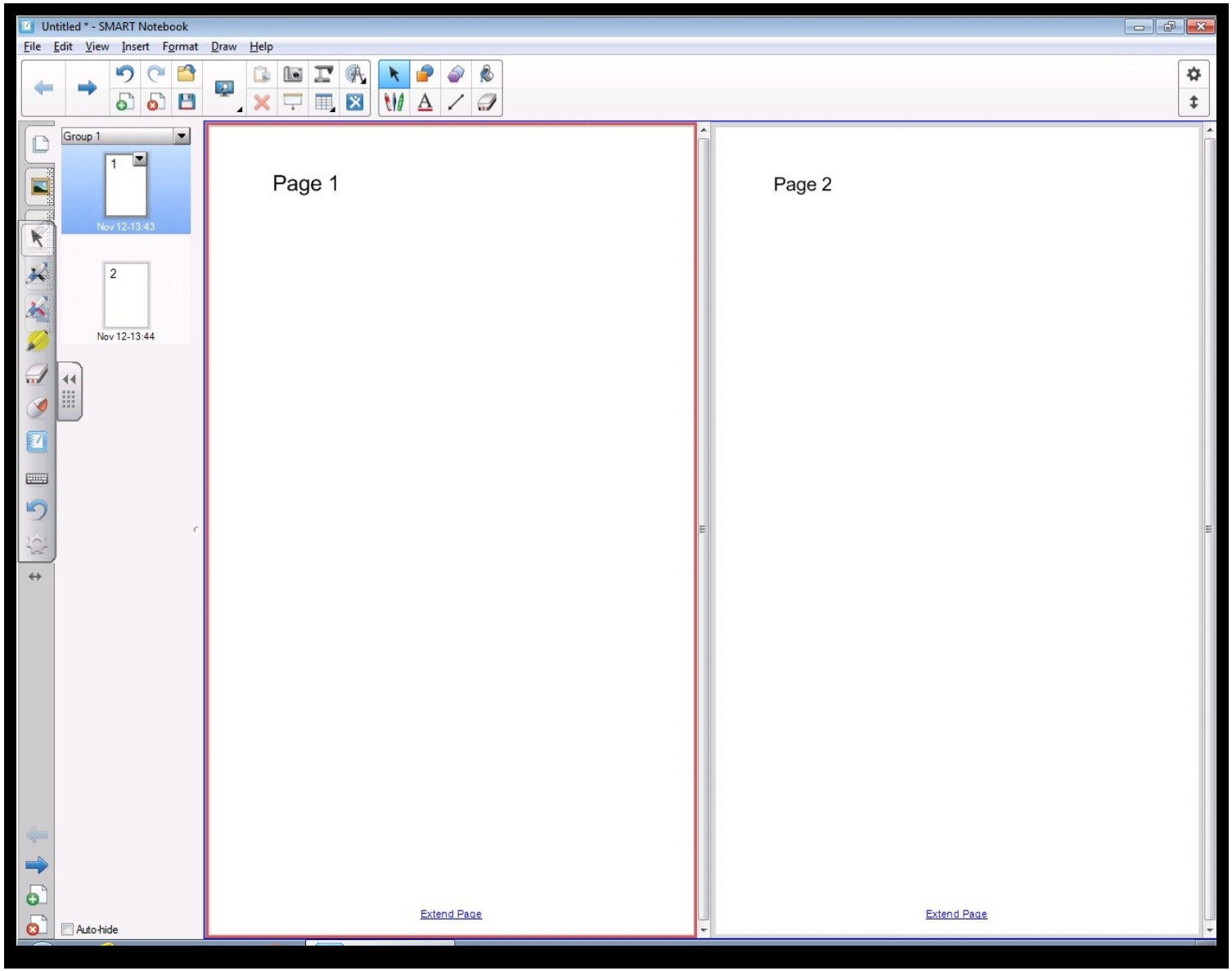
- Audience participation

5 x 5 = _____

H_2O is Water Carbon Dioxide

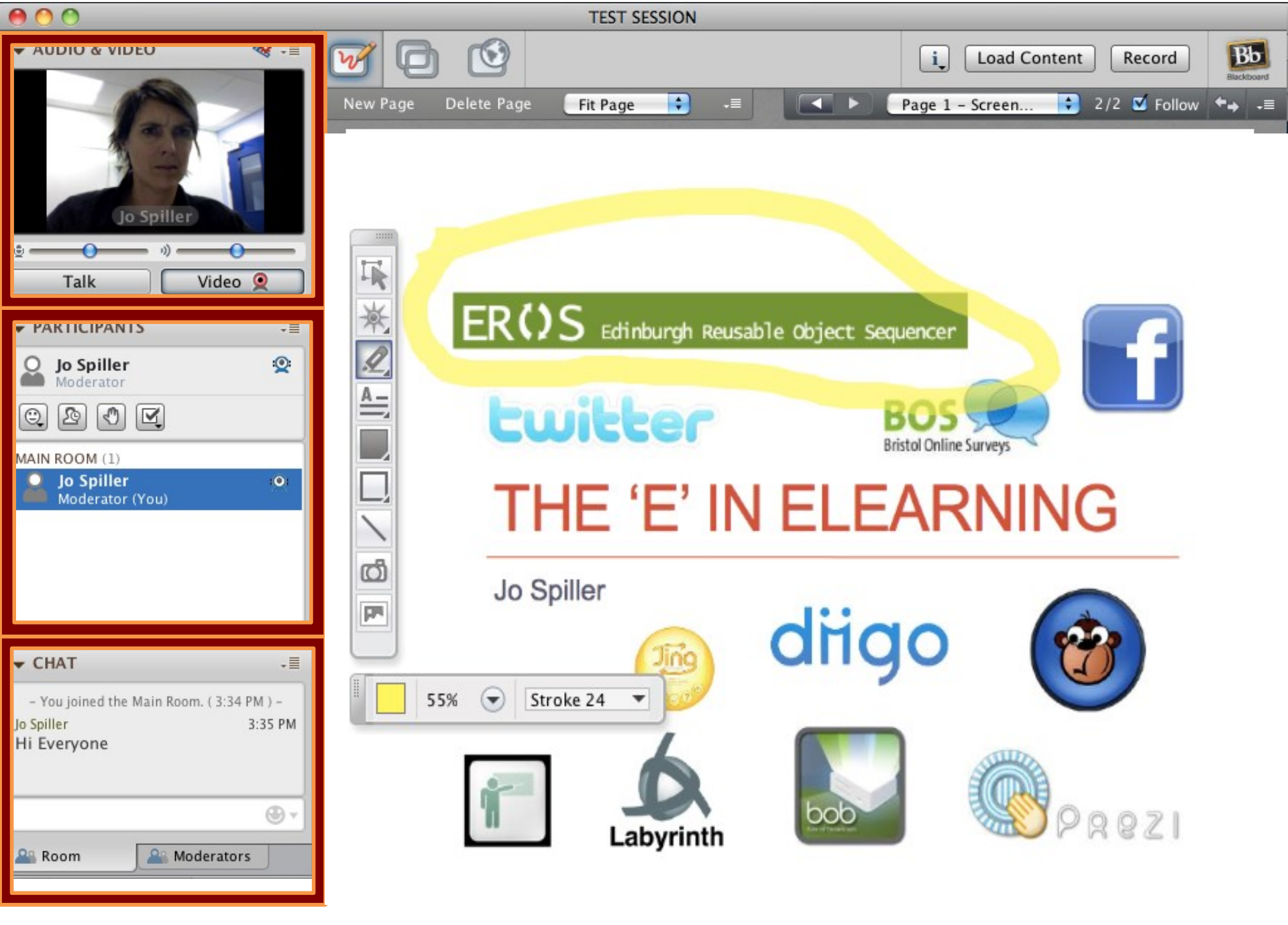
☐ ☐

SMART Notepad



And one more thing!

- Virtual classrooms
  - Blackboard Collaborate
  - Adobe Connect


TEST SESSION
AUDIO & VIDEO
Jo Spiller
Talk
Video
PARTICIPANTS
Jo Spiller
Moderator
MAIN ROOM (1)
Jo Spiller
Moderator (You)
CHAT
- You joined the Main Room. (3:34 PM) -
Jo Spiller
3:35 PM
Hi Everyone
Room
Moderators
Load Content
Record
New Page
Delete Page
Fit Page
Page 1 - Screen...
2/2
Follow
ERES Edinburgh Reusable Object Sequencer
twitter
BOS
Bristol Online Surveys
THE 'E' IN ELEARNING
Jo Spiller
55%
Stroke 24
Jing
diigo
Labyrinth
bob
PREZI

And a bit of socialising

@CEP_UofE

TED Ed

Lessons Worth Sharing

Session Objectives

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Using technology in your teaching

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