



Effective presentation design: Tips and Tricks

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Effective presentation design: Tips and Tricks

Presentation software

Presentation design

Getting practical









Presentation software







PowerPoint slideshow keyboard tips

F5	Start the slide show from the beginning
Shift+F5	Start the slide show from the slide you are viewing
N, Enter, arrows, Spacebar, mouse	Advance slide/animation
P, arrows, Backspace	Previous slide/animation
number+Enter	Go to slide number
A, =	Show or hide arrow pointer
Esc, Ctrl+Break, hyphen	End a slide show

B, period	Toggle black screen
W, comma	Toggle white screen
Ctrl+P	Pen
Ctrl+A	Arrow pointer
Ctrl+M	Toggle markup
Е	Erase markup
Ctrl+T	Show task bar
Ctrl+S	All Slides dialog box
Shift+F10, right-click	Display the shortcut menu







There are a growing number of slideware design e.g...





















Which one to pick?! https://www.customshow.com/best-powerpoint-alternatives-presentation-programs/









Design

Presentation design







Common advice about how to design 'good' presentation slides

"Watch spelling"

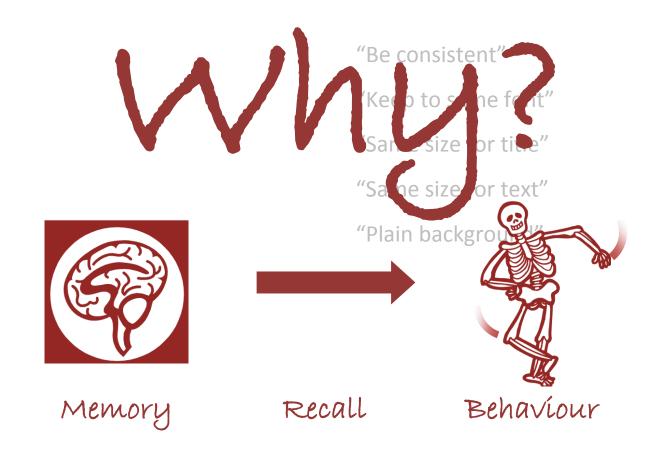
"Clear abbreviations"

"Do not read your slides"

"Do not animate"

"Do not use Clip Art"

"Rule of five"









"Less is more"

Less cognitive clutter

- Too many words
- Unhelpful graphics

More memorable content

- Effective words (on screen)
- Meaningful graphics

See work of Richard Mayer and Ruth Clark on dual coding theory, multimedia design principles, multimedia learning theory and the work of Edward Tuffte including 'The Cognitive Style of PowerPoint'

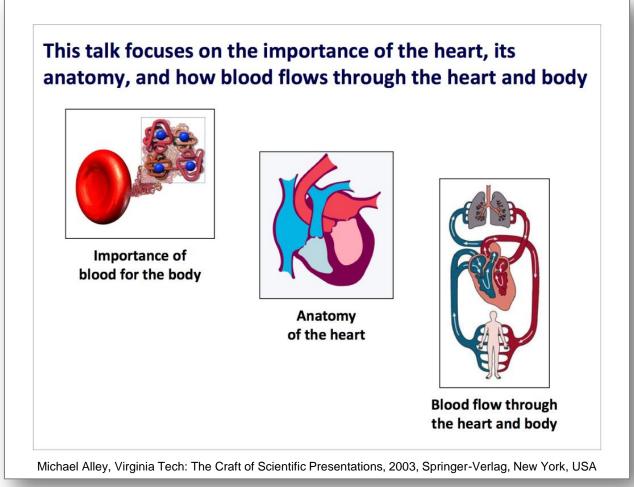






Design

The Assertion-Evidence theory recommends a <u>full assertion</u> followed by <u>illustration</u> of evidence

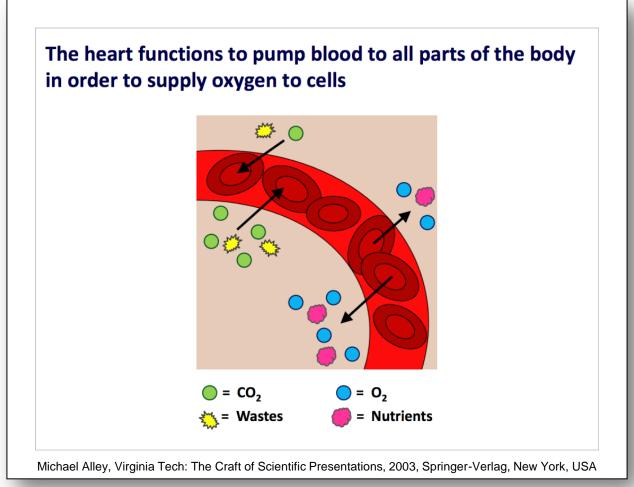








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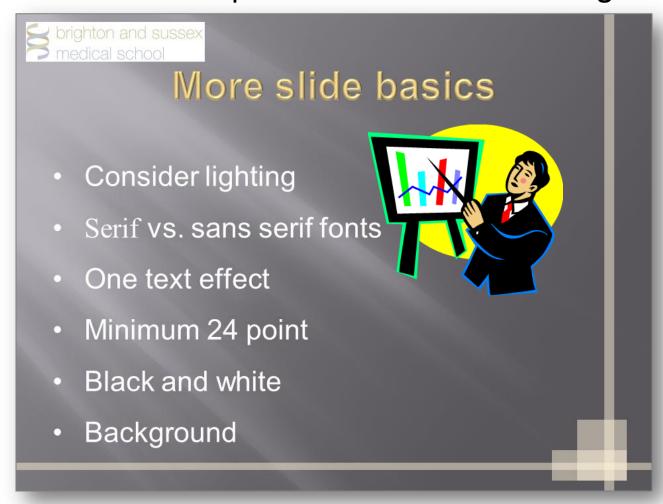








This is an example of less effective slide design









Design

Here is the same information as the previous slide but with evidence-based design considerations

Evidence suggests that these design principles aid readability of your slides

Sans-serif fonts

Sans-serif fonts (e.g. Arial) are easier to read than serif fonts (e.g. Times)

High-contrast design

e.g. black text on white background

Readable font size

Appropriate for the room size (18-24pt) but not too big

Simple background

Background graphics and/or art elements are likely to primarily distract

Text emphasis sparingly

Too much effected text LOSES its desired effectiveness -> distraction

Clear structure in the slides

Use colour and design to denote sections and sub-sections to aid navigation and cognitive mapping















— services

Flipped classroom

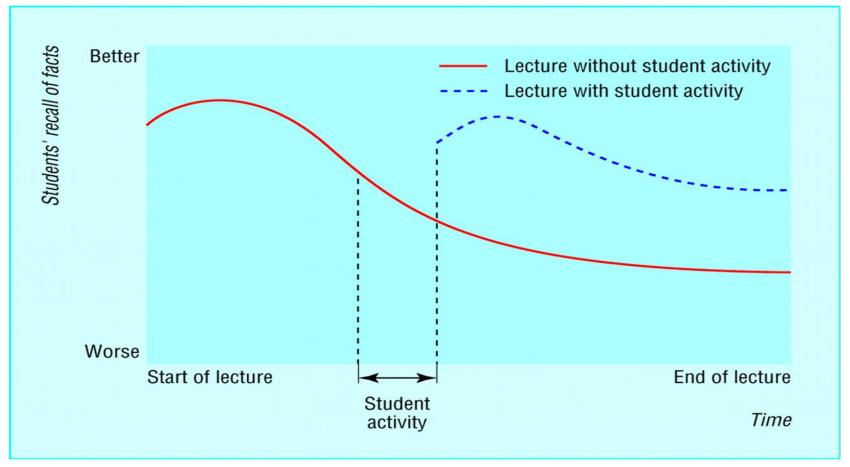
A different methodology for teaching







Evidence indicates the importance of including activity in lectures (about every 20 minutes)











Studies suggest that brain activity during lectures is low

Day 7 Relax Day 6 Exam Class Day 5 Day 4 Day 3 Chores Day 2 Day 1 21:00 00:00 12:00 15:00 Time (hr)

Mazur 2012 http://mazur.harvard.edu/sentFiles /MazurTalk_1815.pdf





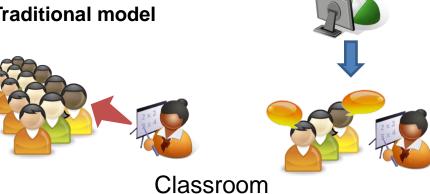


The flipped classroom model

Flipped model



Didactic information delivery; one-way, low interaction, usually large group



Didactic info before lecture (usually video +/-reading)

Application & problem solving in class with facilitator present; higher interaction; peer learning; Usually small groups But more rooms, more

facilitators, more prep time Further application and

Application & problem solving in isolation



Self-directed study



support possible online with peers/tutor





Assessment





Improved student experience? Improved learning?







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Getting practical

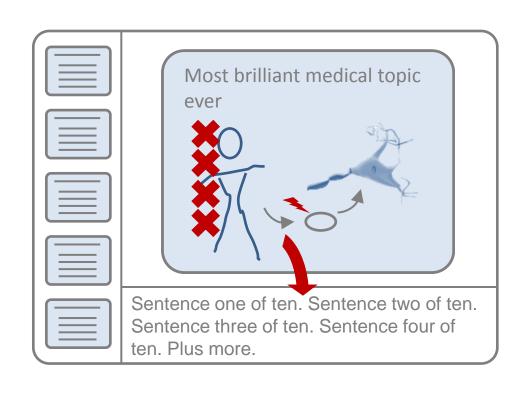






Four easy steps to creating effective slides

- Write out your content as normal, guilt free!
- Move all your notes to the Notes pane
- Get rid of the bullet points (better with Slide Master)
- Use graphics and images to **show** the key point of each slide









Back to your future...



How will you apply this to *your* practice?

Take 1 minute to think and note down two things now:

- 1. Your thoughts or reactions right now
- 2. One thing you will investigate and try out in your teaching/training







What to do next

1

Look at our BSMS Teaching Support website:
 blogs.brighton.ac.uk/bsmsteachingsupport

2

• Have a go with something in your teaching

3

• **Get in touch** with me for training on these digital tools <u>t.r.vincent@bsms.ac.uk</u> or if you have an idea for a digital learning resource







References

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