



UNIVERSITY OF
LIVERPOOL

Engaging Students and Maximising Cognitive Recall: An Invited Key Note Presentation



Active Learning Network Launch, 9th July 2019

A beginners guide to **Sketchnoting**  @belld17
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So ...

...*what is sketchnoting?*

...*and what are the benefits?*



A growing body of research suggests that when combined with traditional style written notes the use of visual imagery is an effective tool to aid memory recall.

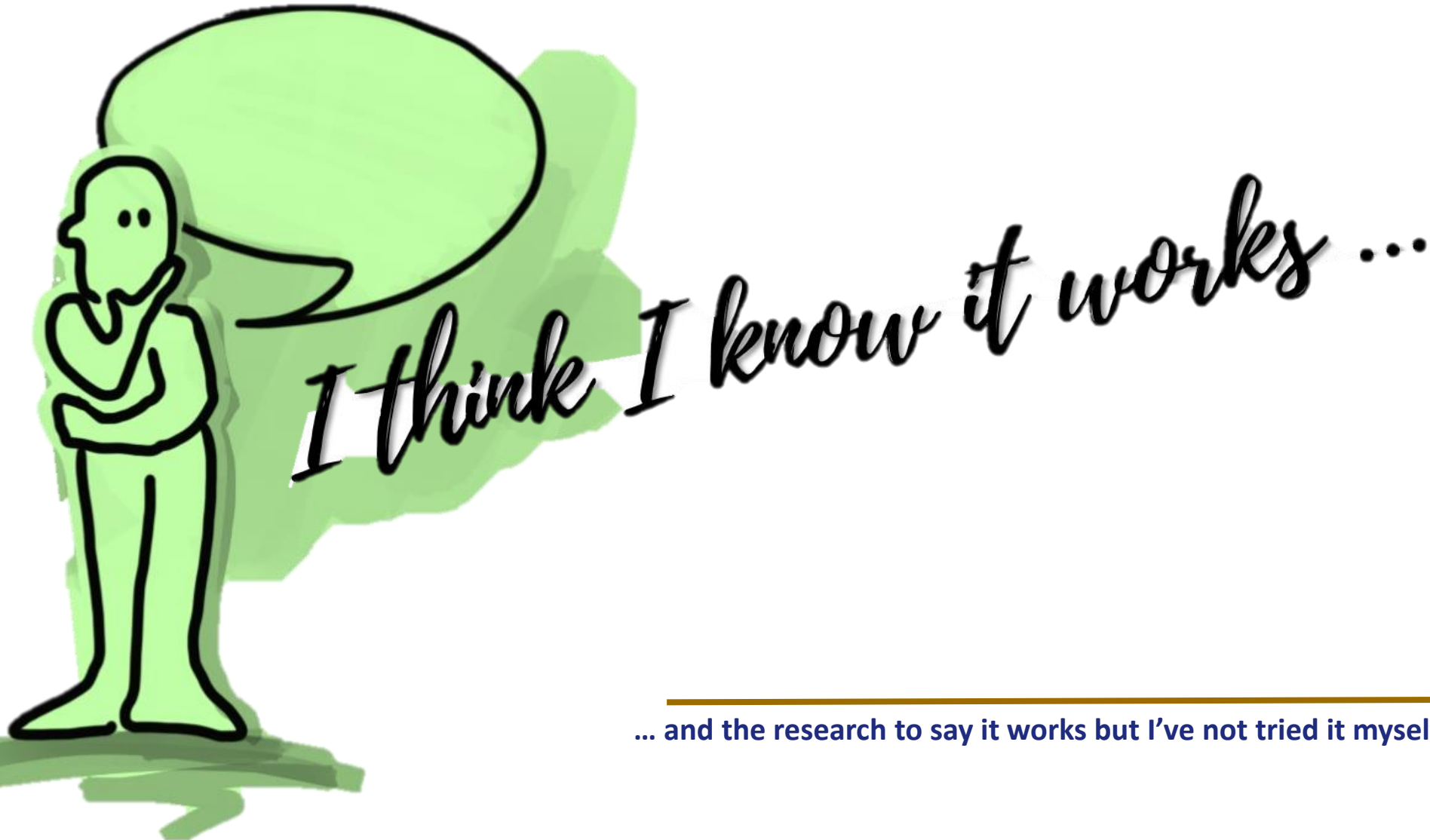
(Boggs et al., 2010; Fernandes et al., 2018; Wammes et al., 2018; Meade et al., 2019).

Taking visual notes can help learners to manage unfamiliar ideas and concepts. To assimilate information and to build bridges between concepts, helping to internally process information and recall it more easily.

(Andrade, 2009; Rhode, 2012).

The lost art of notetaking ... what are the benefits (if any) of

doodling, sketchnoting and thinking visually?



... and the research to say it works but I've not tried it myself ... so lets try a short experiment

So let's try it out...

Write v Draw



broom	frog	pear	trumpet	chain	octopus	telescope
butterfly	giraffe	penguin	turtle	cheese	panda	tie
camel	glove	pepper	violin	comb	peas	tiger
cannon	gorilla	pig	wagon	crab	pillar	toilet
carrot	grapes	pineapple	whistle	crackers	pizza	unicycle
cat	guitar	pumpkin	baby	curtains	purse	whale
caterpillar	hammer	rabbit	backpack	fan	puzzle	wheat
cherry	harp	rooster	bag	feather	rainbow	wheelbarrow
clock	kettle	ruler	bandaid	fire	robot	wheelchair
coat	kite	sailboat	banjo	firetruck	rocket	wolf
corn	knife	scissors	bathtub	fish	rose	zebra

airplane	couch	ladder	screwdriver	beard	ghost	shark
ant	cow	lamp	sheep	belt	globe	shell
antlers	desk	lemon	shoe	bench	hamburger	shovel
axe	doll	lion	skirt	bird	helmet	skateboard
balloon	door	lips	spider	bone	knot	slide
banana	drum	monkey	spoon	bottle	leaf	snail
basket	duck	mushroom	stool	box	lizard	squirrel
bee	ear	nurse	stove	cactus	llama	submarine
beetle	elephant	owl	strawberry	canoe	magnet	tank
blouse	flute	pants	sweater	car	mailbox	teapot
boot	fork	peanut	toaster	castle	mouse	teepee

Write

airplane	couch	ladder	screwdriver	beard	ghost	shark
ant	cow	lamp	sheep	belt	globe	shell
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Draw

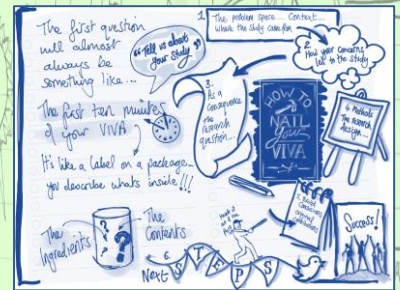
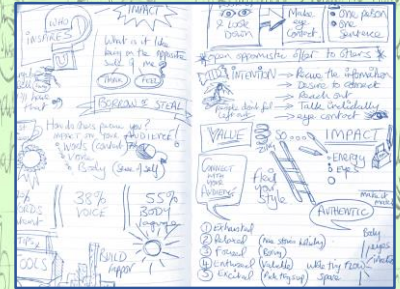
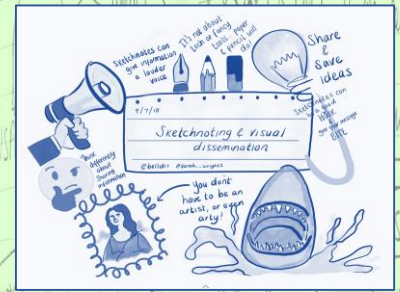
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What are the barriers?

- Perfect pages
- Fear of others comments
- Takes more time








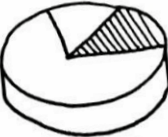
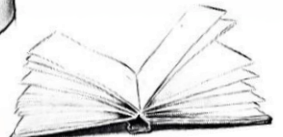

The concept is to capture ideas not to produce perfect art work. You don't need to be able to draw.



There is no shame in stick people

ideas not Art

Sketch these 5 items. Don't worry about the quality so long as you can recognise what it is you have drawn!

5 FANCY ILLUSTRATIONS	5 SIMPLE DRAWINGS
 <p>Woman</p>	 <p>Woman</p>
 <p>Laptop</p>	 <p>Laptop</p>
 <p>Tree</p>	 <p>Tree</p>
 <p>Pie Chart</p>	 <p>Pie Chart</p>
 <p>Book</p>	 <p>Book</p>

Fancy illustrations by Greg Newman

Simple drawings by Mike Rohde

FANCY ILLUSTRATIONS AND SIMPLE DRAWINGS

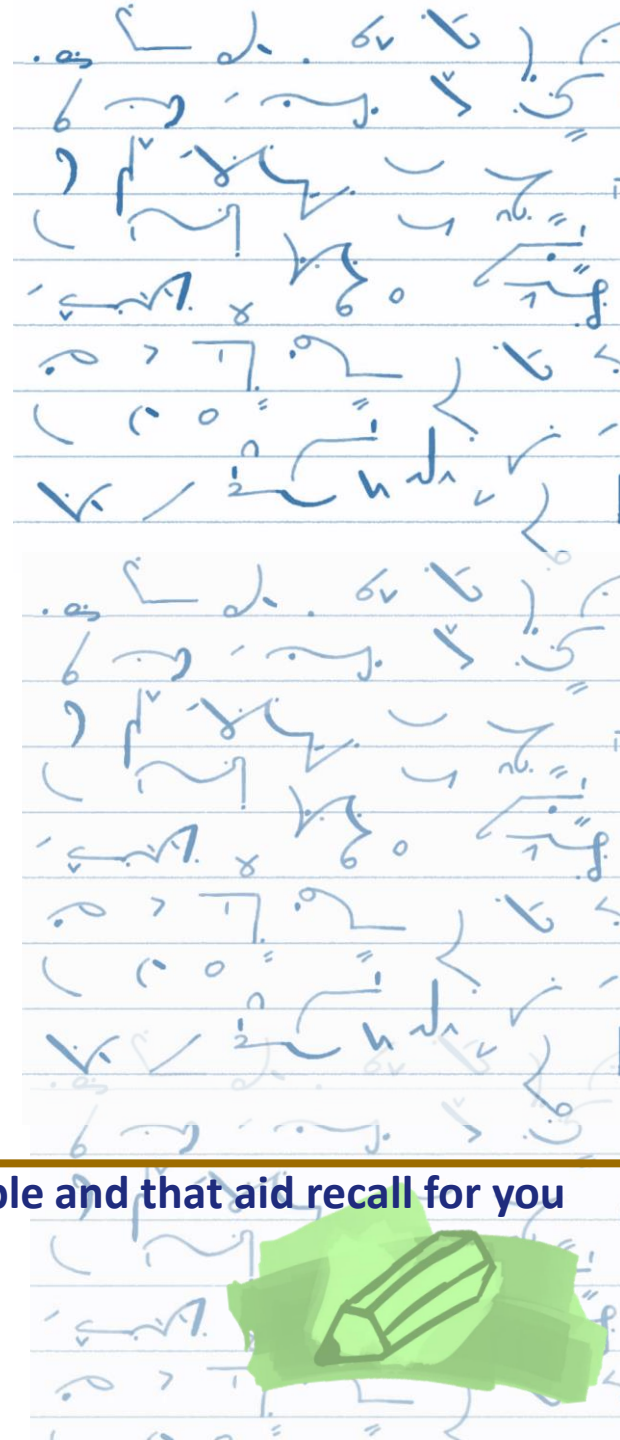
People get hung up on drawing, but its about the ideas, not the art

So, I'm interested in trying to help people to over come these barriers. One way to do this is to help you to

Develop your own
sketchnoting shorthand!



Using mnemonics and your own images, that are familiar, easily recognisable and that aid recall for you



The other thing that happens is that people get hung up on trying to draw every word ...

... but it's not about trying to draw every word – it's about sketching a rough image that will help you to recall an idea or concept...



Otherwise you may as
well just write the word!

So if in a lecture or talk someone is chatting on about vision? How can we sketch an image that helps you to capture the notion or concept... rather than an individual word?

What I'm interested in is trying to find a way of helping you to develop and draw mnemonic images that are unique to you, that will help you recall information and key messages, enabling you to assign meaning to your own notes in order to aid recall.

Let's have a go...

Capturing concepts – not words

Growth

Thinking

Direction

Connection

Results

Success

Target

Journey

Questions

Communication

Finding your own style...

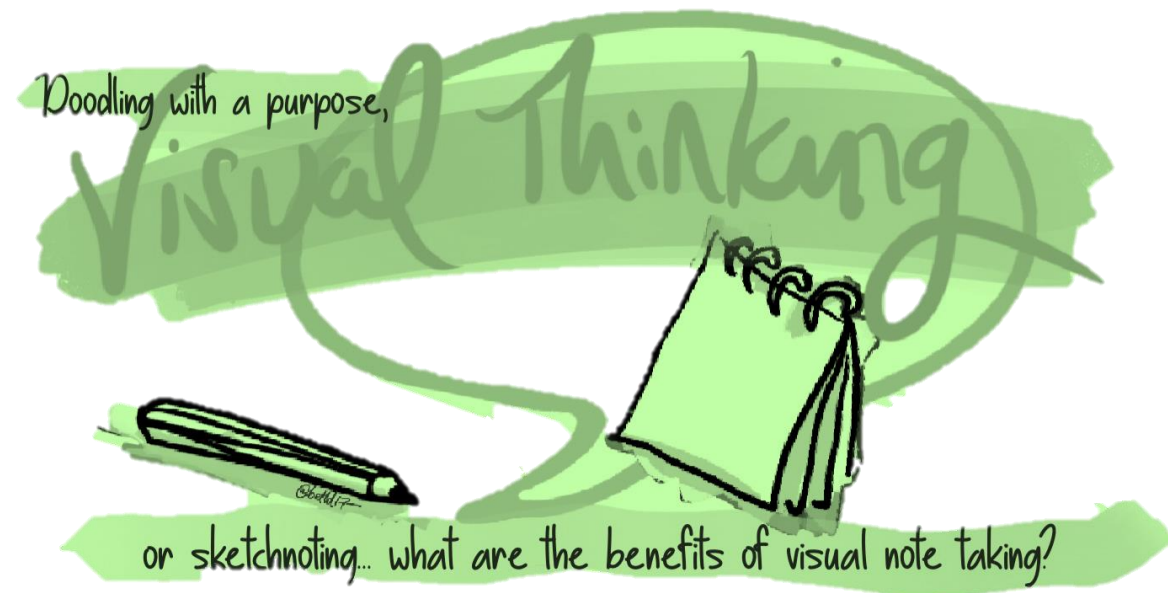
Useful things to know ...

- Using shapes, bubbles, banners and boxes can help to compartmentalise chunks of information or help to segment the page making information easier to recall
- Some people advocate using connectors, for example arrows and lines to help signpost and organise information
- Some people use an iPad while others go 'old school' with paper and a pen but just use the best method that works for you!



Now...

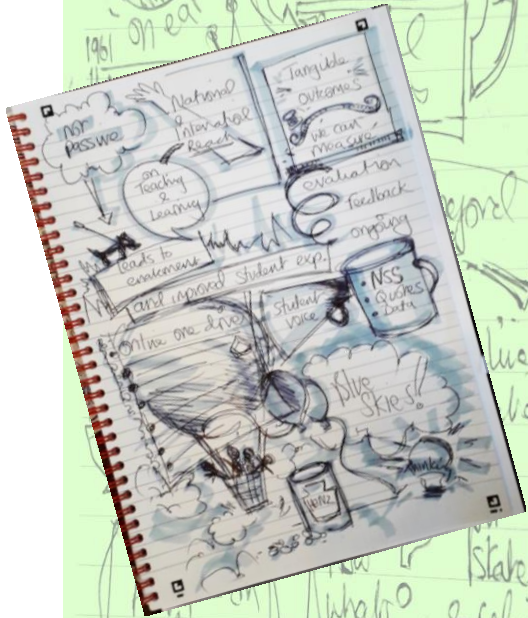
Let's go back to our experiment...



Write down all of the words you can recall and let's compare the results!

Any benefit?

References...



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Thankyou for participating!

Any questions?



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