

		P16	P12	P7	P15	P6	P4	P13	P14	P8	P9	P10	P1	P5	P11	P2	P3	
PRE-QUESTIONNAIRE	AGE RANGE	[18-25] <input type="checkbox"/> [26-35] <input checked="" type="checkbox"/>																
	GENDER	Male <input type="checkbox"/> Female <input checked="" type="checkbox"/>																
	DOMINANT HAND	Left <input type="checkbox"/> Right <input checked="" type="checkbox"/>																
	STUDENT STATUS	No <input type="checkbox"/> Yes <input checked="" type="checkbox"/>																
	HIGHEST LEVEL OF EDUCATION	High School <input type="checkbox"/> Some Univ. <input type="checkbox"/> Univ. Graduate <input checked="" type="checkbox"/> PhD <input type="checkbox"/>																
	TRAINED/WORKED/INTEREST IN DATA ANALYSIS OR STATISTICS	Never <input type="checkbox"/> A few weeks <input type="checkbox"/>																
	TRAINED/WORKED/INTEREST IN INFORMATION VISUALIZATION	A few months <input type="checkbox"/> 1-2 years <input checked="" type="checkbox"/> >2 years <input type="checkbox"/>																
HOW OFTEN DO YOU USE...	...DIGITAL PEN DEVICES SUCH AS WACOM INTUOS	Never <input type="checkbox"/>																
	...LARGE INTERACTIVE SURFACES SUCH AS INTERACTIVE WHITEBOARDS AND TABLES	Almost never <input type="checkbox"/>																
	...PEN-AND-TOUCH DEVICES SUCH AS A MICROSOFT SURFACE OR AN APPLE PENCIL	Occasionally <input type="checkbox"/>																
	...TOUCH-SCREEN DEVICES SUCH AS SMARTPHONES OR TABLETS	A moderate amount <input checked="" type="checkbox"/>																
		A great deal <input type="checkbox"/>																
POST-QUESTIONNAIRE	IN WHICH CONDITION DID YOU FIND ANSWERING THE QUESTIONS EASIER?	Touch only <input type="checkbox"/> Pen and touch <input checked="" type="checkbox"/>																
	WHICH QUESTION DID YOU FIND EASIER TO ANSWER, IF ANY?	REACH <input type="checkbox"/> COUNT <input checked="" type="checkbox"/>																
	HAVE YOU HEARD OF THE CONCEPT OF ACTIVE READING?	No <input type="checkbox"/> Maybe, but no memory <input type="checkbox"/> Yes <input checked="" type="checkbox"/>																
	WHILE READING ON PAPER OR DIGITALLY, PARTICULARLY WHILE READING TO GAIN INFORMATION (E.G. ARTICLES, TEXTBOOKS), HOW OFTEN DO YOU...	...WRITE NOTES ON TOP OF TEXT OR IN THE MARGINS	Never <input type="checkbox"/>															
		...HIGHLIGHT TEXT	Almost never <input type="checkbox"/>															
		...MARK UP TEXT USING CIRCLES, LINES, ETC.	Occasionally <input type="checkbox"/>															
		...UNDERLINE TEXT	A moderate amount <input checked="" type="checkbox"/>															
		...WRITE NOTES ON A SEPARATE PAPER OR NOTEBOOK	A great deal <input type="checkbox"/>															
		...POINT TO THE TEXT WITH YOUR FINGER	A moderate amount <input checked="" type="checkbox"/>															
		...BOOKMARK PAGES USING FLAGS, CORNER-FOLDING, OR SIMILAR	A great deal <input type="checkbox"/>															
...WRITE NOTES IN A SEPARATE DOCUMENT ON A COMPUTER	A great deal <input type="checkbox"/>																	
FIELD / EXPERTISE	P16	P12	P7	P15	P6	P4	P13	P14	P8	P9	P10	P1	P5	P11	P2	P3		
ELABORATE...	Engineering I found that the pen was helpful in the way that it was easier for me to visualize and keep track of the numbers	Biology It was easier to avoid counting things twice by marking them off	Biological Sciences Trying to keep track of the numbers and already counted nodes/links in my head was extremely difficult, so the pen allowed me to circle and tally up as well	Statistics Color was useful	Economics	Chemical and Petroleum I can use the pen and color them and count them more easily	Engineering I was better able to see the highlighted connections	Biological Sciences I very much preferred being able to use the pen. It was quite frustrating trying to complete the questions without being able to use the markers. It allowed me to keep track of which nodes I had counted, and it was so helpful for drawing links between the nodes for the part when I had to find the number of nodes within 2 links or less	Astrophysics Being able to write down lines and numbers helped me visualize what I was looking for more clearly	Science With the pen I could write down numbers to help me keep track of counting the nodes. Also I could color coordinate the nodes for the questions	Zoology I could visualize things that I had already looked at so I didnt have to go back and check them again when I was counting them	Mathematics Much easier to organize thoughts	P5 I could distinguish between nodes and links	P11 The pen made it easier to keep track	P2 I could keep track of what I had looked at before, whereas in the touch I had to remember and often guess	P3 With pen and touch, I was able to keep track of the nodes/links that I had already counted as well as mark off nodes for future counting. The color differences were also useful as I used them to mark different conditions		
ELABORATE...	The second question was a bit challenging as it required me to think more and it was hard to visualize	It was less frustrating	I only had to look within a certain area of the sketch, having to look through the entire sketch made me wary that perhaps I'd missed something			Because I can easily count them and the nodes with maximum links are easier to detect	It was easier since you only had to look at one connection	When I had access to the pen, this was much easier for me. I figured out a system which seemed to work most of the time where I would circle ones with the maximum nodes and I had already considered. The number of nodes within 2 steps was not difficult for the simple graphs, but when they became more complex I found everything was too messy and even using the pen didnt help me keep organized very much.	It was easier to draw the lines and count them up, instead of guessing and testing for the maximum number of neighbors	Easier to keep track of the nodes	As the reach 2 nodes or fewer got harder I had no way of visually remembering which ones I had counted already whereas with the neighbouring nodes I found it easier to count and keep track of things	Pen= "finding the # of nodes that can ... in 2 for..." is much easier, mark out the dots to prevent counting one twice. Touch= "Find ... max..." is much easier, can organize thoughts and write down how many there are	I could highlight the nodes and count them up after	I only had to look at one node and its neighbours, whereas the network, I had to visit most nodes to make sure I didn't miss any	I found the second task easier when I had pen and touch. For just touch only, the first test was easier			
DO YOU USE ANY OTHER READING / NOTE-TAKING STRATEGIES?					I take the comments along my textbook so that I know the logic or the points			I always just take hand printed notes and only write down things that I feel are most important			Color code my highlighting or notes for terms or important info	Look at headlines. look through text first then go back and rewrite the ones that are most related to the topic						