

What are the basic concepts about attention that each paper has discussed? What does that mean in terms of key principles of attention?

What are tasks that are used to measure attention? What are their behavioral patterns? Think about both our discussions and demos in class and the papers you've read (Kang and Wheatley—pupil synchronization; Middlebrooks—divided attention; Wechsler—driving simulator; Seli—mind-wandering). Some topics include: multi-tasking, mind-wandering, selective attention, working memory, visual search, and neural measures. For the papers, think about *why* that method was used.

What happens when we don't attend to things?

Draw out the relationship between attention and arousal.

What are typical results from endogenous (top-down) and exogenous (bottom-up) cueing?

How do these various paradigms and papers apply to the real-world?

Pick one of the four attention papers that we have covered so far. Think about a limitation in the study (beyond sample size) and decide on a future experiment to run addressing that limitation. Go farther than what you have in your reading worksheets: what would your future experiment tell you? What would your hypothesis be? Why would this experiment be important? You can use a different methodology than is used in the paper as well, but should justify the method.