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September 2021

## Do our Hands see what our Eyes see?

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### Citation of this paper:

Sveistrup, Michelle A., "Do our Hands see what our Eyes see?" (2021). *Inspiring Minds – Showcasing Western’s Graduate Research, Scholarship and Creative Activity*. 103.

<https://ir.lib.uwo.ca/inspiringminds/103>

Do our Hands see what our Eyes see?

Daily, mammals recognize, identify and classify a large variety of objects in their environment instinctively. Our human ability to see, understand, remember, and manipulate mental images in order to problem solve are known as spatial abilities. Similarly, translating “how things feel” into a mental image refers to our haptic abilities. Although both spatial and haptic abilities are thought to be important for learning and technical skills in science, technology, engineering and mathematics, termed STEM disciplines, we do not know if there is an association between them. My experiments explore potential linkages between these abilities by examining an individual’s speed and accuracy while performing a unique object manipulation test relying on one’s sense of vision, touch, and their combination. Ultimately, these experiments will expand our understanding of the importance of what we touch and whether it is related and interacts with what we see.