

Ron Wigglesworth

PhD

Department of Secondary Education,
Faculty of Education

Image created at the
University of Alberta

Learning to see through the hand

Third Prize

Rapid development of digital technology is inevitable and will call for continued changes in education. If kinaesthetic drawing amplifies a student's sensibility and sensitivity to what is being observed, then might we benefit by utilizing our haptic senses more broadly in our increasingly-digitized schools? Becoming aware of what we do not see enriches our understanding of what we do see. Perhaps slow drawing by hand might offer a powerful enhancement to the current ocularcentric domination in the sciences. Pedagogical implications from drawing could enhance understanding and observation skills in many fields where the mediated image is used. My research asks: what drawing can still offer in an increasingly digital/digitized world?

Digital technologies offer powerful tools, but the immediacy of a digital image does not guarantee quality nor assure learning. The drawing process changes the subject; undergoing a change in sensibility. Drawing requires thoughtful observation, discipline and practice, all of which are essential skills in ensuring learning success. Faster is not better. Drawing has the potential to slow down students scrambling in a digital world. Learning is a process, and drawing is a way of opening the eyes and a way of thinking and feeling. Thinking emerges from the process of drawing as new perceptions are created.