

Exploring Digital Pen Technology to Support the Development of Handwriting Skills

Anne-Marie Mann: am998@st-andrews.ac.uk

Supervisor: Aaron Quigley

The 21st century classroom aims to raise a generation of computer literate digital natives. However, time spent on such activities inevitably results in less time for traditionally taught subjects – like handwriting. At present handwriting is only learned in class by teacher directed instructions. With less time to support handwriting skills in class, is it possible to support pupils with a technology that will complement existing handwriting practices in order to enhance the resultant handwriting.

Digital Pen Technologies



Research Question:

Is it possible to improve handwriting skills by using digital pen technology and providing feedback to the user?

- Which aspects of handwriting should we give feedback on?
- How should we provide that feedback?

