Accepted Manuscript

Haptic Explorers: Supporting Science Journaling through Mobile

Haptic Feedback Displays

Bri Hightower, Silvia Lovato, Jordan Davison, Ellen Wartella, Anne Marie Piper

PII: \$1071-5819(18)30524-X

DOI: https://doi.org/10.1016/j.ijhcs.2018.09.005

Reference: YIJHC 2245

To appear in: International Journal of Human-Computer Studies

Received date: 16 June 2017
Revised date: 30 August 2018
Accepted date: 6 September 2018



Please cite this article as: Bri Hightower, Silvia Lovato, Jordan Davison, Ellen Wartella, Anne Marie Piper, Haptic Explorers: Supporting Science Journaling through Mobile Haptic Feedback Displays, *International Journal of Human-Computer Studies* (2018), doi: https://doi.org/10.1016/j.ijhcs.2018.09.005

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

ACCEPTED MANUSCRIPT

Highlights

- The design and evaluation of a haptic science learning application is presented.
- Adding haptic feedback to mobile devices can support science learning in the wild.
- Haptic feedback increased tactile language during nature observations.
- Children were more on task when science journaling incorporated haptic feedback.

Download English Version:

https://daneshyari.com/en/article/10139247

Download Persian Version:

https://daneshyari.com/article/10139247

<u>Daneshyari.com</u>