YOUNG CHILDREN’S PLAY PRACTICES WITH DIGITAL TABLETS
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Playful Literacy

BY

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Contents

List of Images vii
List of Figures ix
List of Tables xi
About the Author xiii
Preface xv
Disclaimer xvii
Acknowledgements xix

Chapter 1 Introduction 1

Chapter 2 Play, Lege and Asobu: How the Concept of Play Is Defined in Danish and Japanese Contexts 7

Chapter 3 Literacies, Play and Experience: The Need to Bridge Distinct Disciplines 19

Chapter 4 Making Sense of Play: Transforming Actions into Words 43

Chapter 5 The Digital Play Experience Taxonomy (DPET): Mapping and Categorising the Digital Play Experience 77

Chapter 6 Penmanship and Hyper-intertextuality Shaping Playful Literacy 105

Conclusion 115

References 121

Index 131
List of Images

Chapter 4

Image 4.1. Hand Typology, Hovering – Moving the Hands or Just One Finger above the Interface. .......................... 55

Image 4.2. Hand Typology, Tapping – Fast Touch with One Finger (or By Chance with an Arm or Another Hand). .......... 55

Image 4.3. Hand Typology, Swiping – While Touching, Moving One Finger across a Small Area of the Screen. ............... 56

Image 4.4. Hand Typology, Dragging – Tap and, Without Letting Go of the Contact Interface, Move the Finger/Hand across the Screen. ................................................. 56

Image 4.5. Hand Typology, Continuous Tapping – A Series of Short Consecutively Taps. ............................... 57

Image 4.6. Hand Typology, Force Tapping – Tapping with Pressure to Try to Force an Icon to Respond. ................. 57


Image 4.8. Hand Typology, Tilting – Moving the Device Sideways, Vertically or Horizontally. .............................. 58

Image 4.9. Hand Typology, Divergent Dragging – Moving Two Fingers in Opposite Directions to Zoom In. .............. 59

Image 4.10. Hand Typology, Convergent Dragging – Moving Two Fingers towards Each Other to Zoom Out or Move an Object. .................................................. 59

Image 4.11. Hand Typology, Simultaneous Holding – Index and Thumb Are Used to Try to Rotate an Object on the Interface. ... 60

Image 4.12. Hand Typology, Reach – Pointing Closely as in Tapping or ‘Touching’ an Icon. ................................. 61
List of Figures

Chapter 4
Figure 4.1. Child Encountering a Locked Item. .......... 47
Figure 4.2. Force-tapping on Locked Images. ............ 62
Figure 4.3. Tapping on Character (Trying to Interact) while Animation Is Running. ............... 63
Figure 4.4. Trying to Interact with the Loading Bar. .... 64

Chapter 5
Figure 5.1. Holding the Bottle to Pour Liquid in the Bowl. 81
Figure 5.2. Making Ice Cream for People. In This Case a Giraffe, and the Child Creates an Ice Cream based on Own Taste (Not the One Requested by the Giraffe). ........ 84
Figure 5.3. Playing with the Vehicle Possibilities. ....... 89
Figure 5.4. Creating Patterns on a Piece of Clothing. .... 91
Figure 5.5. (a) and (b) Playing with the Map (Not the Character) in an App. ............... 94
List of Tables

Chapter 3
Table 3.1. Media Literacy Framework (Buckingham, 2006) × Digital Literacy’s Dimensions (Sefton-Green et al., 2016). 24

Chapter 4
Table 4.1. Informed Considerations that Emerged from the Pilot Study. 49
Table 4.2. Summary of Coding Process. 65
About the Author

Isabel Fróes is currently a Postdoc at the Copenhagen Business School, Denmark. She holds a Bachelor’s degree in Psychology from PUC Rio and a Master’s degree from ITP at New York University. Her research taps into the values and uses of newly developed technologies, investigating how they affect ways in which new concepts and activities are socially and culturally developed. Her PhD research combined her psychology and design background exploring how young children’s play practices with digital devices foster novel ways of communication and learning.
Preface

You are about to begin a journey that explores how young children defy and discover digital universes (tablets) through their magic wands (hands). Since my research interest involves interdisciplinary fields, it also involves challenges. The largest is that no matter how much I write, I feel there will always be more fields and angles to cover. However, I could not consider addressing a study in any other way, as my background is interdisciplinary. I have a Bachelor’s degree in Psychology and a Master’s degree in Interactive Telecommunications. My master’s focused not only on learning technological skills, such as programming and electronics, but also on approaching technology reflectively and critically. We were encouraged to think of technology as a verb, as suggested by the head of our programme at the time, Ms Red Burns.

I remained on a learning path by working in different countries and organisations with a variety of foci (interaction and service design, teaching, programming, etc.), both within industry and academia. Consequently, during the three years of my PhD studies, my educational and professional background experience converged to form my topic of choice. At the same time, by applying an interdisciplinary lens to my process, I have had the wonderful opportunity to be able to work with fields that I find highly motivating, and that build on my personal experience of observing young children and their digital interactions. It was partly this experience that informed the what and why that fuelled this book.

Regarding reading this book, I would like you to approach it as a piece of music. I explore a repertoire of studies by eminent researchers; their notes and perspectives harmonise and contrast with my own soloist moments, which originated during my writing process. All notes lead back to the initial train of thought, however, adding vital layers to the final composition.

For my research, I travelled to Japan. It was an eye-opening experience that expanded my horizons and shook my convictions. Despite having studied Japanese earlier in my life and knowing aspects of Japanese culture through a variety of media, books, films, origami, etc., the opportunity to immerse myself in the culture, though only for three months, proved one of the most significant learning curves of my life. I entered Japan with one set of lenses and I came back with very different ones.

The experience I gained there proved highly valuable for my PhD research and consequently, this book. Not only from the perspective of the data collected, but also for prompting me to think of aspects that were not necessarily initially visible in digital practices. For example, the role of iconography and symbols in a culture that is then confronted with western designs. In other words, how would tablets look if their interfaces had been developed in Japan? Probably you would swipe vertically and browse right to left through pages. More tangible
differences included those related to broader use of Roman rather than Japanese characters in young children’s everyday life.

Japan proved to be the most playful and efficient country I have ever encountered. I would therefore like this book to reflect an element of the same playfulness by bringing you a different set of perspectives when reading about this journey of mine. I hope it makes you curious about the connection between play and efficiency, how much one rests on the other, and, if there is such a relationship, how children’s play practices and their magic wands can lead the way to uncover this mystery.
Disclaimer

The author had no affiliation whatsoever with any of the App production companies either before or after her research. A total of 60 apps in total were chosen and downloaded based on the age category, their descriptions and popularity ranking on the Android and Apple store (Google Play and App store). The types of apps varied from puzzle, game, entertainment, educational and family categories, which were highly rated (four to five stars) however with download rates lower than 500,000 downloads at the time of the download (February 2014 in Denmark).
I very much feel my achievements have been reached and supported by the wonderful people around my life. As if possible I would like to thank each and every person who brought me here with a text of its own. In order of life appearance, I thank you by trying to use a few words or sentences to sum it up.

Adyr and Renato: Passion, emotion, dream and values. Both of you engaged with life having these words as your motto, I just followed them.

Andreas: Love, warmth, support, steadiness, calm. You believed in making a 4th of July a forever after. I am forever grateful for your belief.

Victoria and Arthur: Love, love, fun, challenges, giants. Through your eyes I am always learning – you bring wonders to my world.

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The educational institutions with which I have been affiliated throughout the years: Thank you for giving me support, a space to think, learn and expand my knowledge with the bonus of meeting wonderful colleagues and mentors.

True learning is a life experience that happens through a powerful exchange between curious and engaged learners, so I would like to thank those students who were a part of mine.