# Listening to the library: Preadolescent student perceptions of the impact of downloadable audiobooks on their literacy development

# A dissertation submitted for the degree of Doctor of Education

by

Susan J. Toms

UNE Student number: 220086578

M.Ed. (Teacher Librarianship), Grad. Dip. (Education and Training),
B.Sc. (Management Information Systems)

School of Education, Faculty of The Professions
University of New England

Date of submission: October 2016

Principal Supervisor: Professor Margaret Sims

Co-supervisor: Dr. Susan Feez

#### **ACKNOWLEDGEMENTS**

Thank you to all my students over the years. I am sure I have learned more from you than you have from me. I also need to thank my family for tolerating a wife and mother who, for too many years, has been tapping away at her computer, whether that be at horse riding lessons, sitting beside a go-kart track or waiting in the orthodontist's office.

Thank you to all my supervisors past and present for contributing in some way to this dissertation but a special thank you to Professor Margaret Sims for supporting me when I had to change direction. Thank you Dr Susan Feez for your skilled editing. I also appreciate the opportunity to be a part of the Australian Research Training Scheme (RTS) as without RTS and UNE support I would not have done this research.

"It was a book indeed; but a strange and wonderful book, that had neither leaves nor letters: In fine, it was a book made wholly for the ears, and not the eyes ... When I since reflected on this miraculous invention, I no longer wondred (sic) that the young-men of that country were more knowing at sixteen or eighteen years old, than the gray-beards of our climate ..."

Cyrano de Bergerac, *A Voyage to the Moon* (1650) (p. 196 English translation copyright 1899 by Doubleday & McClure Co.)

#### **ABSTRACT**

The purpose of this narrative inquiry was for me to learn from students about their perceptions of changes in their literacy practices from listening to downloaded audiobooks in their free time. Participants were preadolescent students from one international school in South Korea. Data were collected from regular recorded interviews over a period of two school years. Much has been written about audiobooks in popular media, and especially in educational publications, but there is a surprising lack of significant research about using audiobooks in education, particularly for fluent readers and writers with no learning difficulties. This research aims to fill a gap in the educational research and recent technological advancements in downloadable audiobook technology make this a timely topic. Narrative inquiry is shown to be an ideal methodology to present student 'voice' research.

Results are presented as fourteen themes with sub-themes in four thematic categories, namely, what students gain (or not) from listening to audiobooks, characteristics of listeners, agency and organisational structures. This research found that participants were self-motivated to listen to audiobooks in their leisure time and that they did perceive a change in their literacy practices, particularly in generating story ideas, providing a model of verbal fluency and learning vocabulary in context. However, the research also revealed that there are significant organisational structures, such as technical challenges and the influence of adults, which either enable or constrain a student's agency to listen to audiobooks. Additionally, it became apparent that these preadolescent audiobook listeners display notable characteristics such as the proclivity to multitask while listening, a preference for story regardless of mode and the ability to critically analyse both the story and narration. This dissertation concludes with a discussion of the implications of this research for educational knowledge and practice.

## **CANDIDATE'S CERTIFICATION**

I certify that the substance of this thesis has not already been submitted for any degree and is not currently being submitted for any degree or qualification.

I certify that any help received in preparing this thesis and all sources used have been acknowledged in this thesis.

Signature:



Susan J. Toms

# **TABLE OF CONTENTS**

PRESENTATIONS DURING CANDIDATURE	10
LIST OF FIGURES	12
CHAPTER 1: INTRODUCTION TO THE STUDY	13
1.1 Overview of the study	14
1.2 Personal context	14
1.3 Technological context	19
1.3.1 What an audiobook is and what it is not	20
1.3.2 Playaways	21
1.3.3 Brief history of audiobook technology	22
1.3.4 Demographic data from audiobook publishers	23
1.4 Situational context	24
1.5 Clarification of key concepts	26
1.5.1 Literacy and multimodal communication	27
1.5.2 Listening comprehension	28
1.6 Research problem introduced	30
1.7 Chapter summary	31
CHAPTER 2: LITERATURE REVIEW	32
2.1 Audiobooks in education: anecdotal reports	32
2.2 Limited use of audiobooks in class time	40
2.3 Assisted reading and using audiobooks remedially	42
2.4 Audiobooks used to help English language learners	45
2.5 Read-alouds and storytellers are not audiobooks	47
2.6 Audiobooks are not universally appealing	49
2.7 The need for this research	51
CHAPTER 3: METHODOLOGY	52
3.1 Conceptual framework	52
3.1.1 Orality	53

	3.1.2 Remediation54
	3.1.3 Self-motivation55
	3.1.4 Conceptual framework and overview57
	3.2 Narrative inquiry and student 'voice' research59
	3.3 The research inquiry61
	3.4 How participants were selected61
	3.5 Data collection62
	3.6 Analysis63
	3.7 Ethics67
	3.8 Authenticity68
	3.9 Limitations69
	3.10 Chapter summary70
СН	APTER 4: RESULTS71
	A. Thematic category: Perceived gain (or not) from listening72
	A.1 Effect on spelling and punctuation (SPELLCHAL)73
	Summary of theme A.174
	A.2 Story ideas from listening (or not) (STORYIDEAS)74
	Summary of theme A.277
	A.3 Verbal fluency and pronunciation (VERBALFLU)77
	Summary of theme A.379
	A.4 Acquiring vocabulary in context (VOCABAC)79
	Summary of theme A.482
	Summary of thematic category A and alignment with orality82
	B. Thematic category: Attributes of audiobook listeners82
	B.1 Thinking critically about the listening experience (CRITLIST)83
	B.1.1 Critical analysis of story84
	B.1.2 Critical analysis of narration87
	B.1.3 Accent recognition and evaluation89

B.1.4 Critical comparison of audiobook and text	91
B.1.5 Comparing audiobook to movie	92
B.1.6 Interview as catalyst for critical reflection	93
Summary of theme B.1	94
B.2 Stories in any mode - audio, text, video (LITOMNI)	94
B.2.1 Connection to television show or movie	95
B.2.2 Advantages of audiobooks over paper books	95
B.2.3 Reading paper after listening	96
B.2.4 Does both: Reading and listening 'the same'	97
B.2.5 Confusing to have two stories at one time	98
B.2.6 Advantages of text over audiobook	98
B.2.7 Prefer text	99
B.2.8 Listening has given confidence to read longer books	100
B.2.9 Simultaneous listening and reading	100
B.2.10 Better comprehension with multiple modes of literature	102
Summary of theme B.2	102
B.3 Other tasks while listening (or not) (MULTITASKLIST)	103
B.3.1 Listening while travelling	105
B.3.2 Listening before sleep (or sick in bed)	106
B.3.3 Listening while playing games on device	107
B.3.4 Extreme multitasking	108
B.3.5 Portability of device determines multitasking activity	109
Summary of theme B.3	109
Summary of theme B.3  B.4 Memory of audio (VERBALMEM)	
	110
B.4 Memory of audio (VERBALMEM)	110
B.4 Memory of audio (VERBALMEM)	110 111

C.1.1 "I just love listening to audiobooks!"11	2
C.1.2 Humorous stories preferred11	4
C.1.3 Audiobooks as entertainment11	5
C.1.4 Audiobooks can be relaxing11	7
C.1.5 Taking a break from listening, preferring to read paper11	7
C.1.6 I like them, but not for everyone12	0
Summary of theme C.1	0
C.2 Repeated listening to the same story (or not) (REPEATLIST)12	1
Summary of theme C.212	3
Summary of thematic category C and alignment with self-motivation12	3
D. Thematic category: Organisational structures12	4
D.1 Influence of parents, librarian and teacher (ADULTINFL)12	5
D.1.1 Adults enabling structures by solving technical challenges12	5
D.1.2 Parental support for audiobook listening12	6
D.1.3 Teacher Librarian12	8
D.1.4 Classroom teacher13	0
Summary of theme D.1	0
D.2 Audiobook promotion by the teacher librarian (ADVERTIZ)13	0
D.2.1 'Out of sight, out of mind'13	1
D.2.2 Sharing results of the study when promoting audiobooks13	2
D.2.3 Try something new13	3
Summary of theme D.2	4
D.3 Roles of peers in audiobook listening (PEERINFL)13	4
D.3.1 Heard about audiobooks from a friend13	4
D.3.2 Would recommend to friends (or not)13	5
Summary of theme D.313	5
D.4 Technology challenges (TECHCHAL)13	6
D.4.1 Copyright and cost restrictions resulting in a lack of choice13	6

D.4.2 Device and format restrictions	139
Summary of theme D.4	142
Summary of thematic category D and alignment with practice	142
Chapter summary	143
CHAPTER 5: DISCUSSION and IMPLICATIONS	144
5.1 Key findings	145
5.1.1 Perceived gain (or not) from listening to audiobooks	145
5.1.2 Attributes of listeners	146
5.1.3 Agency	146
5.1.4 Organisational structures	147
5.2 Contribution to educational theory and practice	148
5.2.1 Implications for educational theory	148
5.2.2 Implications for educational practice	149
5.3 Personal reflections	150
REFERENCES	151
Appendix A: Sample questions for recruitment of participants	168
Appendix B: Student Information and Assent	169
Appendix C: Parent Information and Consent	173
Appendix D: Approval from AudioGo to lend downloadable files	177
Appendix E: UNE Ethics Approval	178
Appendix F: Discussion prompts for semi-structured interviews	179
Appendix G: List of participants, year involved and interviews	181

#### PRESENTATIONS DURING CANDIDATURE

#### October 2014

Library 2.014: Online worldwide conference founded by San Jose State University School of Library and Information Science. Digital, Emerging and User strands. Listening to the Library: What should be our role in providing and promoting audiobooks to patrons? Recording: <a href="https://sas.elluminate.com/site/external/recording/playback/link/table/dropin?">https://sas.elluminate.com/site/external/recording/playback/link/table/dropin?</a> sid=2008350&suid=D.26264C9D1C7BEE8D8EDBD31CC66EE3

## April 2014

Learning Revolution Conference Online, international conference supported by the Learning Revolution Project. Learning Spaces, and Technology & Learning strands: Mobile Literacy: Learning outside the classroom through audiobooks on personal devices. Recording: <a href="https://sas.elluminate.com/site/external/recording/playback/link/table/dropin?">https://sas.elluminate.com/site/external/recording/playback/link/table/dropin?</a> sid=2008350&suid=D.E56E9FCDB6D296843B1AA238AF0019

### February 2014

OZeLIVE! Ed Tech Downunder, online worldwide conference supported by <u>Australia e-Series</u> in collaboration with <u>The Learning Revolution</u>. Media, Learning and Technology strand: Mobile Learning: Using downloadable audiobooks to improve student literacy outside the classroom. Recording: <a href="https://sas.elluminate.com/site/external/recording/playback/link/table/dropin?sid=2008350&suid=D.2E5AA788BD85CEA5923B11749D747E">https://sas.elluminate.com/site/external/recording/playback/link/table/dropin?sid=2008350&suid=D.2E5AA788BD85CEA5923B11749D747E</a>

#### November 2013

Global Education Conference, online worldwide conference founded by <u>iEARN</u> (International Education and Resource Network). Curricular strand: Global voices: International school students developing verbal fluency with audiobooks. Recording: <a href="https://sas.elluminate.com/site/external/recording/playback/link/table/dropin?">https://sas.elluminate.com/site/external/recording/playback/link/table/dropin?</a>
sid=2008350&suid=D.F199E5B03957BF85B726437D1534AC

#### October 2013

Library 2.013, online worldwide conference founded by San Jose State University School of Library and Information Science. Doctoral strand: Using downloadable audiobooks to

improve student literacy outside the classroom. Recording: <a href="https://sas.elluminate.com/site/">https://sas.elluminate.com/site/</a>
<a href="external/recording/playback/link/table/dropin?">external/recording/playback/link/table/dropin?</a>
<a href="exist-2008350&suid=D.A15DF2FE932F2BC3A198627854E1B3">external/recording/playback/link/table/dropin?</a>

## March 2013

East Asia Regional Council of Schools (EARCOS) Teacher Workshop Presentation, Shanghai, China. Literacy on the go: Using downloadable audiobooks to improve student literacy outside the classroom.

# **LIST OF FIGURES**

Figure 3.1 Conceptual framework: Audiobooks at the intersection	<u>52</u>
Figure 3.2 Remediation: Transformation from paper to digital sound	<u>54</u>
Figure 3.3 Overview: Framework is at the core of practice	<u>58</u>
Figure 3.4 Excerpt from John's narrative diary with theme labels added	<u>65</u>
Figure 3.5 Excerpt from John's themes combined (e.g. VERBALMEM)	<u>65</u>
Figure 3.6 Thematic categories aligned with framework & practice	<u>67</u>
Figure 4.1 Mandala graphic	<u>71</u>
Figure 4.2 Conceptual Framework: Focus on orality	<u>73</u>
Figure 4.3 Conceptual framework: Focus on remediation	<u>83</u>
Figure 4.4 Conceptual framework: Focus on self-motivation in education	<u>112</u>
Figure 4.5 Focus on contribution to practice	<u>124</u>
Figure 5.1 Theory is the core of practice	<u>148</u>

NB: All images are by the author.