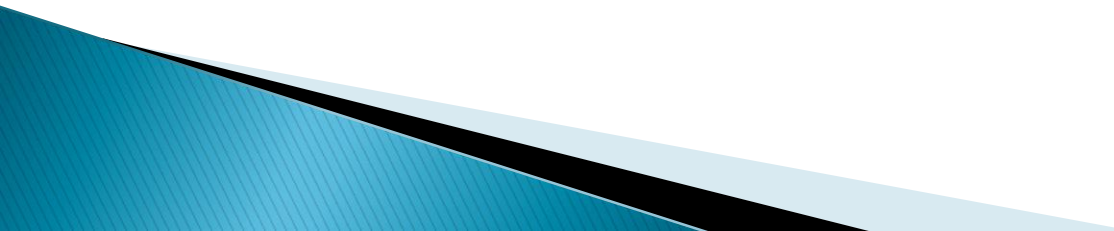


# Technophobe Or Techno- guru: librarians as technologists

Lynne Robinson  
University of Sunderland

# In beginning

- ▶ There were books
  - ▶ Computers
  - ▶ Tablets, iPhones, watches
- 

# How things have changed



## 1970–1980 Work & Home

Web Apps (unknown) *Old Computers*. Available at:<http://webapps.com.mx/quienes-somos/> (Accessed/downloaded: Nov 12th 2015).

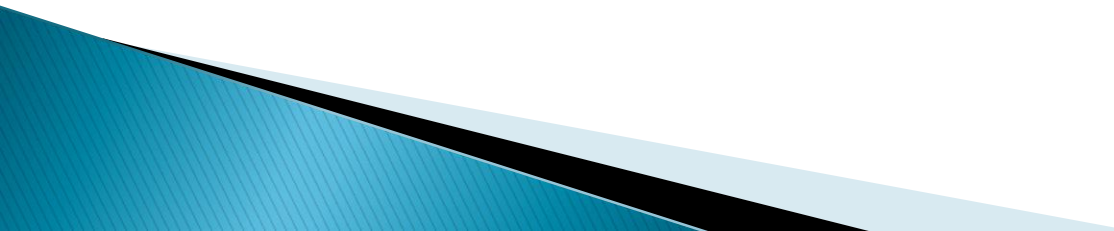
Smith, Chris (2012) *Sinclair Spectrum ZX*. Available at:<http://www.t3.com/news/100-greatest-hits-app-brings-classic-spectrum-titles-to-ipad-for-pound-6> (Accessed/downloaded: Nov 12th 2015).

## 2010–????? Work & Home

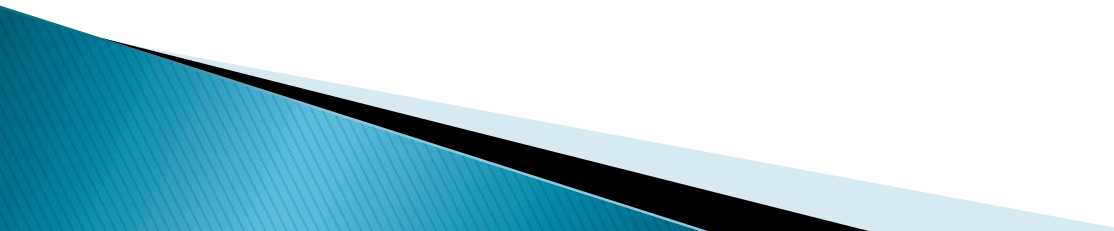
AWD News (2015) *Apple Watch* Available at:<http://awdnews.com/technology/apple-watch-sales-hit-7m-just-six-months-after-launch> (Accessed/downloaded: Nov 12th 2015).

iosDoc (2015) *Iphone, Ipad & Macbook* Available at:<http://www.iosdoc.com/iphone-5-and-ipad-market-demand-is-decreasing-according-to-analyst/> (Accessed/downloaded: Nov 12th 2015).

# Technophobe maybe

- ▶ What has staying power can we predict
  - ▶ Tools & trends , how far do we need to look
  - ▶ The Hurdles, expertise
- 

# Techno-guru

- ▶ Goals , projects
  - ▶ Strategic, organisation
  - ▶ Cost
  - ▶ Training : new role of the librarian as a technologist
- 

# Information Seeking

- ▶ The old paradigms
- ▶ Pettigrew et al. (2001) define information behaviour as the study of how people need, seek, give and use information in different contexts, including the workplace and everyday living
- ▶ The new paradigms
- ▶ Robinson, Lyn (2014) defines a new trend in information behaviours, the emergence of immersive information behaviour, the seekers of information use technology trends that are pervasive, multi-sensory & participative

Pettigrew, K.E, Fidel, R., and Bruce, H. (2001). Conceptual Frameworks in Information Behaviour. Annual review of Information Science & Technology, 35 (1), 43-78.

Robinson, Lyn (2014) Immersive information behaviour: using the documents of the future, New Library World, 116 (3/4), 112-121

# Supporting students

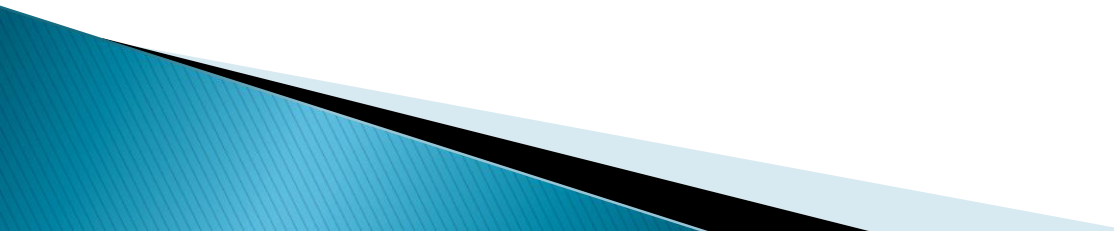
- ▶ How we support now
  - ▶ E-books
  - ▶ Blogs
  - ▶ Twitter
  - ▶ iTunesU
- ▶ In The future ?
  - ▶ AR (Augmented Reality)  
Layar
  - ▶ Gamification
  - ▶ Apps

Content platforms,  
internet

One-stop shopping

# Who Supports the librarian

## ▶ Support we have now

- ▶ IT service based in library, systems team don't talk to Liaison
  - ▶ E-learning team provide good support
  - ▶ Do it yourself . Ad Hoc help from IT ---e-learning support team very busy
  - ▶ Remote support
  - ▶ VLE support
  - ▶ Learning Technologists support
  - ▶ More support or no support
  - ▶ Learning/e-learning technologist but Not in library
  - ▶ Academic colleagues: using their skills library team may have to develop resources
  - ▶ Lack of training
  - ▶ Library about to appoint a e-learning technologist
- 



# Who Supports the librarian

- ▶ In the future/real world
  - ▶ Strategic direction from institution
  - ▶ Co-operation between for example Library IT & Media to develop ideas
  - ▶ Learning technologists based in liaison team or based in VLE team
  - ▶ Learning technologist in librarians office—do training with librarian & academics
  - ▶ Dedicated support
  - ▶ Full support from learning technology team
  - ▶ Collaboration
  - ▶ Library technologists a great idea
  - ▶ University App to incorporate library information
  - ▶ More troubleshooting from IT
  - ▶ Library tech guru in the library
  - ▶ Opportunities across university services to learn technologist skills
  - ▶
  - ▶
  - ▶
  - ▶

# There's lots of Apps, AR software & Gamification examples



RefME is a reference app

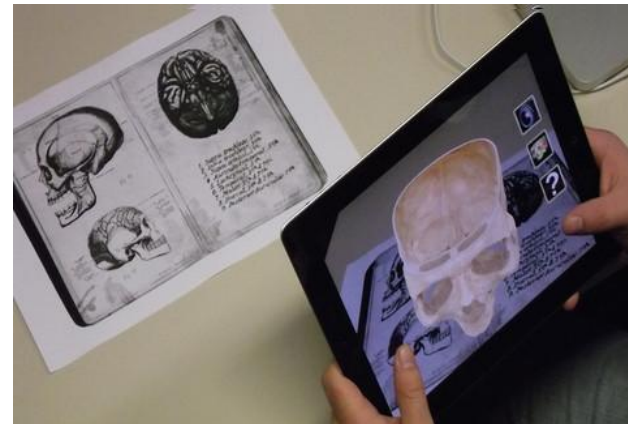
AR just one example.



treehouse



Treehouse uses Gamification to Learn Code



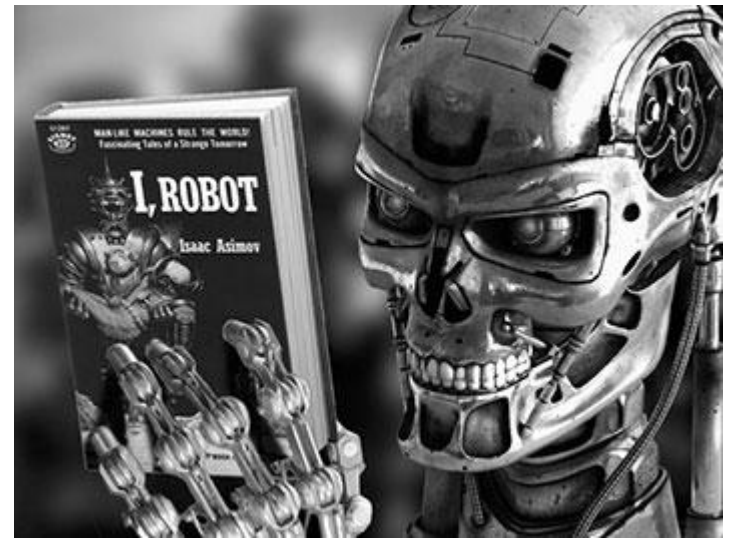
Phygitalization (2014) *Skull-Augmented Reality* Available at <http://www.phygitalization.com/phygital/from-digital-to-physical/> (Accessed/downloaded: Nov 12th 2015).

# Conclusion

## ▶ The Robot Librarian



Boland, Andrew (2013) *Silence in the Library/Forest of the Dead* Available at:<http://2013doctorwhomarathon.blogspot.co.uk/2013/11/silence-in-library-and-forest-of-dead.html> (Accessed/downloaded: Nov 24th 2015).



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[http://brmu.blogspot.co.uk/2014\\_07\\_01\\_archive.html](http://brmu.blogspot.co.uk/2014_07_01_archive.html)  
(Accessed/downloaded: Nov 24th 2015).