

Digital literacies and multimodal practices of young children (DIGILITEY) - 3rd meeting -

Cyprus, 17-18th April, 2016



**The digital literacy and multimodal practices of young children
(DigiLitEY)**



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Digital resources (DR) for language & literacy learning in the early years in Portugal

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Outline

- Research questions, objectives & aims
- Methodological issues
 - Development of an analytical grid
- Preliminary results

Research question, objectives & aims

- Which DR are currently available in Portugal for language & literacy learning in the early years?
- Our intention:
 - characterise the educational DR that are produced in Portugal, in order to be able to...
 - identify tendencies, strengths and weaknesses of the Portuguese resources for language & literacy learning in the early years (0-8).

Problem

- Inexistence of a database of DR that are originally produced for language & literacy learning in European Portuguese, despite the existence of some websites that make available multiple digital resources resources that are produced by teachers and children themselves.
- Need to develop an analytical tool to develop a systematic characterization of the DRs that are available in Portugal.

Some methodological issues

Developing an analytical grid (pilot study phase):

Dimensions:

1. Identifying the DR
2. Characterizing the literacy learning promoted by the DR
3. Characterizing the DR



Digital resources (DR) for literacy learning in the early years

Working Group 3. Portugal - Reading and Writing on Screen



NEXT



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1. Identification of the DR

1.1 Name

Your answer

1.2 Type of digital media

- App
- E-book
- Software
- Website
- Tangible interface
- Other: _____

1.3 Year of creation

Your answer

1.4 Number of versions

Your answer

1.5 Tested version

Your answer

1.6 Availability

- Internet website
- Appstores
- Bookstores
- Other: _____

1.7 DR official website

Your answer

1.8 Producer (+ entities involved in production)

Your answer

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2. Literacy learning promoted by the DR

2.1 Age

- 0-2
- 3-4
- 5-6
- 7-8

2.2 Literacy content

- Oral language
- Language awarness
- Emergent literacy
- Vocabulary
- Word identification: early reading
- Orthography
- Text comprehension
- Text writing
- Narrative construction
- Grammar
- Literature (narrative, poetry, drama)
- Other: _____

2.3 Practice

2.3.1 Tasks

2.3.1.1 Type

- Multiple choice
- Filling the blanks
- Crosswords
- Sentence ordering
- Narrative ordering
- Linking
- Text reading
- Text writing
- Problem-solving
- Other: _____

2.3.1.2 Number

Your answer

2.3.1.3 Modality in the task's construction

- Oral language
- Written language
- Still image
- Moving image
- Colour
- Layout
- Graphics
- Audio
- Embodied
- Spacial
- Other: _____

2.3.1.4 Modality in the task's answer

- Oral language
- Written language
- Still image
- Moving image
- Colour
- Layout
- Graphics
- Audio
- Embodied
- Spacial
- Other: _____

2.3.2 Procedure

2.3.2.1 Procedure description

- Individual
- Colaborative
- Autonomous
- Adult mediated
- Fixed
- Adaptable to children's learning profile
- Other: _____

2.3.2.2 Assessment

- Immediate feedback
- Delayed feedback
- Other: _____

2.3.2.3 Objective of practice

- Enclosed within
- Possibility to be shared

2.3.2.4 Guidelines for adults/mediators

- Yes
- No

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3. Characterization of the DR

3.1 Type of display

- Screen (computer)
- Touchscreen (mobile device)
- Hybrid display (tangible interface)

3.2 Internet connection required

- Yes
- Yes, for additional content
- No

3.3. Types of interactivity

- Dialoguing - Learner receives questions and answers or feedback to his/her input-
- Controlling - Learner determines pace and/or order of presentation
- Manipulating - Learner sets parameters for a simulation, or zooms in or out, or moves objects around the screen
- Searching - Learner finds new content material by entering a query, receiving options, and selecting an option
- Navigating - Learner moves to different content areas by selecting from various available information sources

3.3.1 Interactivity description

Describe an example of the type(s) of interactivity selected

Your answer

3.4 Interface architecture

- Linear
- Hierarchical
- Net
- Hybrid

Other relevant aspects of the DR

Brief description

Your answer

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100%: You made it.

Preliminary conclusions

- On the analytical grid:
 - bridging theory and reality
 - comprehensive & productive, as it is open to the identification of emergent analytical dimensions, **but**
 - still **in progress**:
 - Need to explain the classification of each DR (eg. *what is an app and how is it different from an ebook?*)
 - Need to clarify the methodological procedure followed to choose the DRs that are characterized.
 - Need to clarify if the DR are original in European Portuguese or else translated from other languages
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