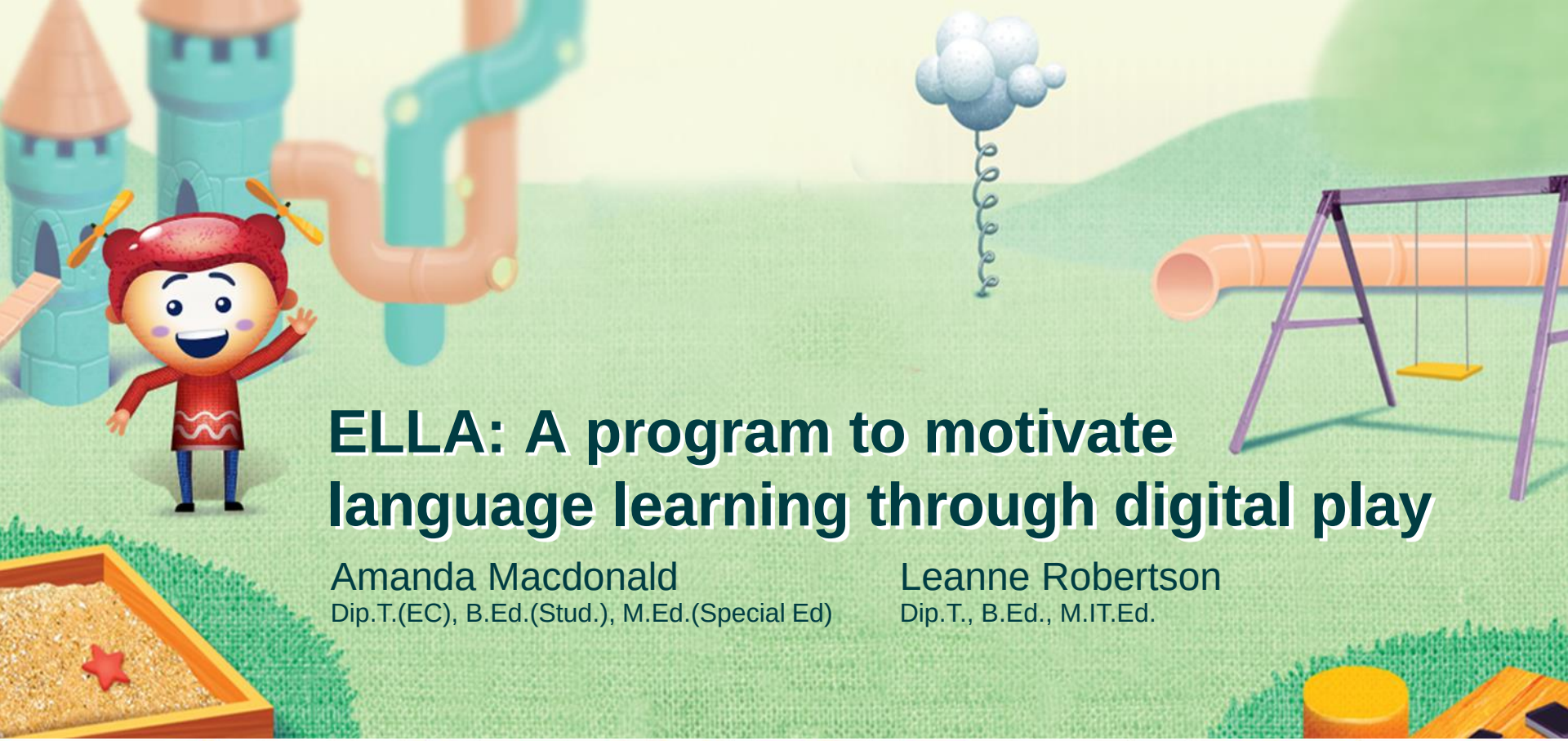

ELLA: A program to motivate language learning through digital play

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Dip.T., B.Ed., M.IT.Ed.

Arabic

German

Mandarin

French

Hindi

Indonesian

Italian

Japanese

Modern Greek

Spanish

Vietnamese

Early Learning Languages Australia

What is ELLA?

ELLA is an exciting digital language learning program for preschoolers.

It opens up a world of cultural possibilities for children early in life.

ELLA Languages 2019

Arabic

Chinese (Mandarin)

French

German

Hindi

Indonesian

Italian

Japanese

Modern Greek

Spanish

Vietnamese

Coming in 2020

Turkish

Korean

Language learning in digital environments

Key features of language learning that can be applied and adapted to the digital environment include:

Repetition

such as games and experiences where language is repeated over and over within a context

Visual cues

which benefit language learning by aligning images with language to reinforce learning

Production

in which children need to not just understand, but also speak and produce language

Collaboration

using group presence and digital play

Digital technologies

- Part of children's lives
- Accepted part of education settings
- Support children's play and understanding
- Enhance learning
- Support relationships and interactions

Play-based learning with technology

Do you use technology?

What technology do you use?

Is it teacher or student led learning?

How does digital play fit with your philosophy of play-based learning?

Australian Government
Department of Education
Education Services Australia
ella Early Learning Languages Australia

Visit the ELLA stand to explore an ELLA app

Key features for play based learning

What are the most important elements for play based learning?

How would digital play incorporate these features?

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Department of Education
Education Services Australia
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Some Insights from Research

77 per cent of children show a typical brain response consistent with automatic association of word-meaning.

Evaluation of the ELLA apps, Swinburne Babylab, Swinburne University of Technology, 2017

The apps encourage children to be engaged in high-quality social interaction with others while playing with the apps.

Evaluation of the ELLA apps, Swinburne Babylab,

Swinburne University of Technology, 2017

Children showed consistently high levels of engagement.

ELLA 2016 trial evaluation,
Deloitte Access Economics, 2017

The apps encourage children to stay engaged in the learning process.

Evaluation of the ELLA apps, Swinburne Babylab,
Swinburne University of Technology, 2017

Access and participation for children with additional learning support needs

- Modelled language
- Practice and repetition
- Visual cues
- One-on-one support
- Collaboration
- Key words
- Behaviour management

After using the ELLA apps, a child with severe learning delays who was non verbal was able to greet people, count and name colours in Italian.
His speech pathologist was amazed and his parents are now learning Italian too.

Early Childhood Teacher

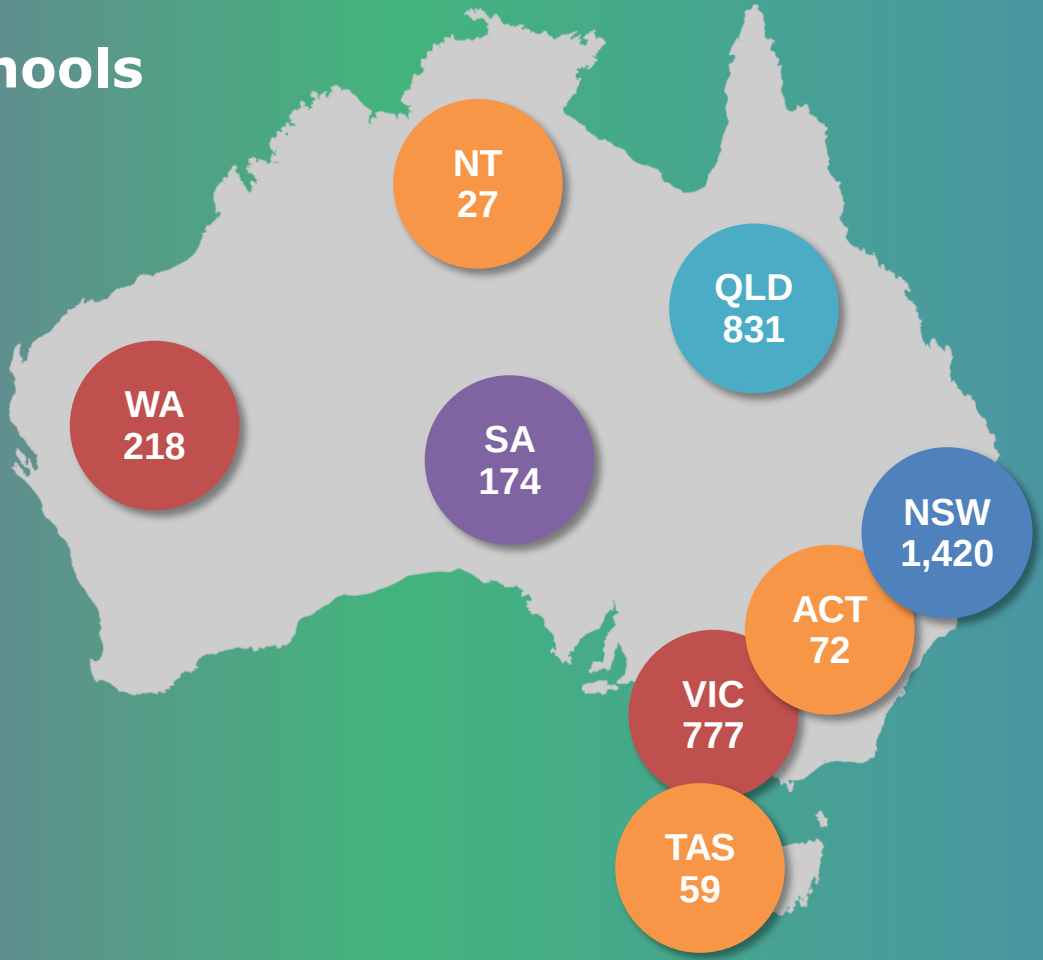
Mittagong, 2018

After two months access to the ELLA apps a child with low functioning Autism uses Chinese greeting words appropriately to communicate with educators. He can focus for 5 to 10 minutes using the apps.

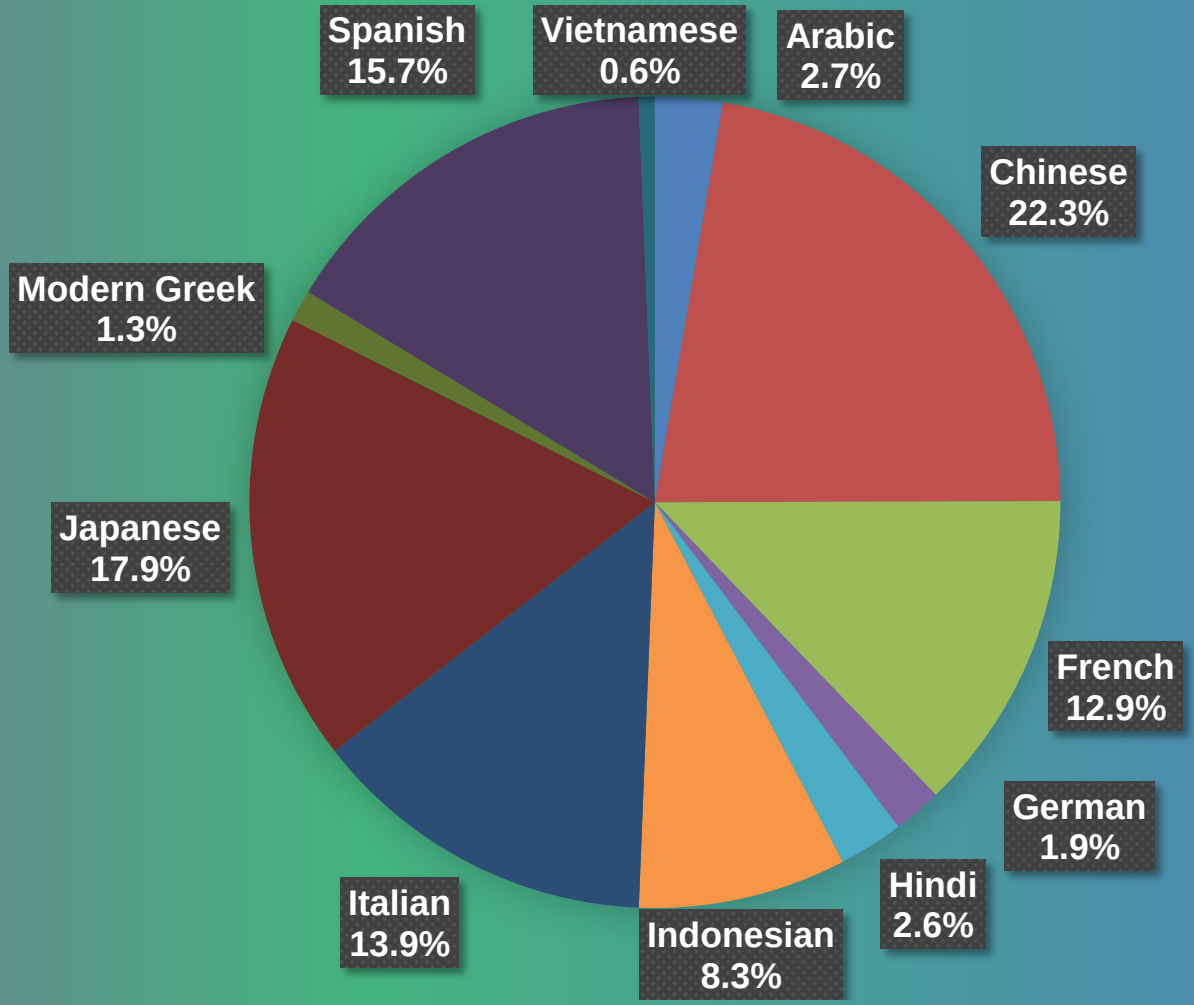
Early Childhood Teacher

Kardinia, 2019

3,578
ELLA preschools



ELLA Languages 2019



App 1: In the Playroom
Greetings/farewells
Likes and dislikes

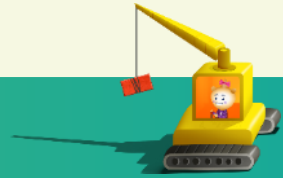
App 2: At the Beach
Colours
Sea creatures

App 3: At the Birthday Party
Numbers
Ingredients

App 5: At the Circus
Body parts
Expressing pain

App 4: At the Zoo
Fruits and drinks
Expressing hunger, thirst

App 7: In the Town
Shapes
Size



App 6: In the Park
Action words
Fast/slow

برتقال
burtuqaal
رمّان
rumman
موز
mawz
خبز
khubz
حليب
Haleeb
عصير
ʻaSeer
عصير
ʻaSeer
فراولة
farawla
ماء
maaʼ
حِمّص
HimmaS
أرز
aruz
تفاح
tuffaH
أرز
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Haleeb
رمّان
rumman
خبز
khubz
فراولة
farawla

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Research findings

Early Learning Languages Australia 2016 trial evaluation, Deloitte Access Economics, 2017

Evaluation of the ELLA apps, Swinburne Babylab, Swinburne University of Technology, 2017

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Social
Fun
Effective
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