INTRODUCTION

- Self-regulation of learning
- The personal learning environment
- Aims of the study

METHODOLOGY

- Population and sample
- Questionnaire

RESULTS and CONCLUSIONS

![Diagram of self-regulated learning and personal environments]

- **Self-regulation of learning**
  - Prediction: Aims and plans to achieve them
  - Action: Application of strategies and implementation of tasks
  - Reflection: Self-evaluation and self-judgment

- **The personal learning environment**
  - Set of technological tools specifically chosen, integrated and used by a person in order to access new sources of knowledge from which to learn.

- **Population and sample**
  - 877 students in the Degree of Early Childhood Education of the University of Granada
  - 520 students, 12 groups

- **Questionnaire**
  - General items: Sex, age, number of hours per week dedicated to different activities, access to devices for personal use.
  - Main items: 16 actions taken to self-regulate learning in their PLE
  - Sub-items: 12 achievements of self-regulation

**Research on students participating in the Graduate Program in Preschool Education at the University of Granada**


**Population**

- Average age: 23.45 years
- Time spent: 97.69% (Internet), 1.29% (University network)
- Time spent in PLE: 20 hours/week

**Results**

- 829 students, 48 groups
- PLE success: 97.69%, Internet: 23.45%
- LMS success: 85.39%
- Teacher success: 39.23% (NO)

**Conclusions**

- They reflect on the role they take in their own learning process with digital tools.
- With digital tools: 67.88%
- They use them to convey an idea in different ways.
- The deep analyzer: He/she worked neatly on the assignments and met deadlines.
- The superficial: He/she has not done any of the previous mentioned assignments.

**Self-regulation of learning**

- Exchange of information with external people and peers
- They use them to convey an idea in different ways.
- They reflect on the role they have in their own learning process with digital tools.
- They use them to convey an idea in different ways.