

# Innovative Teaching Methods

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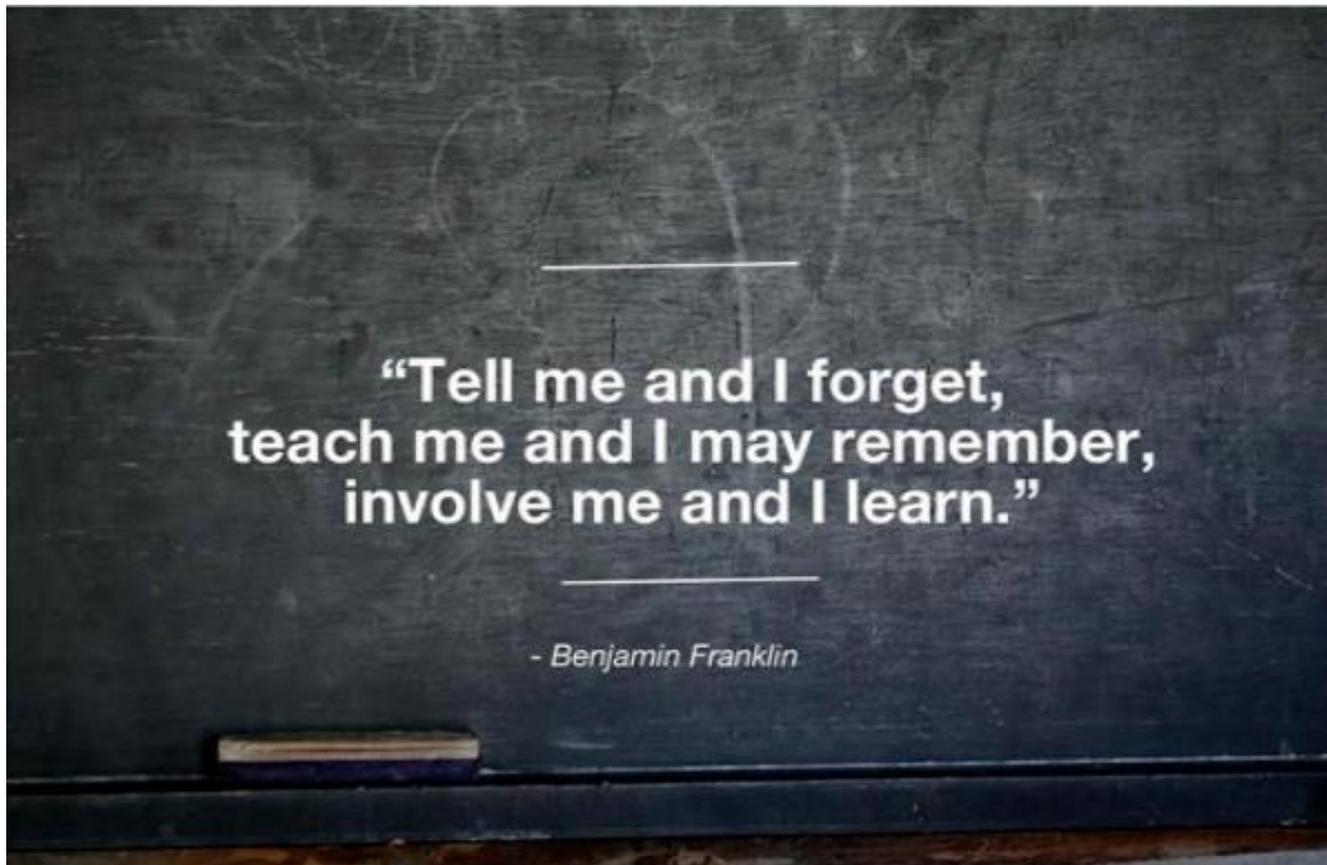
# Innovative Teaching Methods

- ▶ Throughout our studies we focused on the importance of using innovative teaching methods in education.
- ▶ We were able to learn how to engage students using innovative methods which can be a significant resource to motivate them and to enhance their learning.
- ▶ Thanks to different kind of studies and research, today there are many tools available that can be used in the school environment: project-based learning, non-formal education, outdoor education, and ICT are some of the many opportunities that can be integrated with traditional teaching methods.



# Project Based Learning

- Project-based learning addresses the required content by guiding students in an investigation process which will deal with the major elements and principles of a discipline.



# Project Based Learning

- ▶ Project Based Learning allows students to delve into content in a more direct and meaningful way, starting from a topic question and trying to investigate real world issues. Analysing the principles of Project Based Learning, we had the opportunity to discover how teamwork, collaboration, and creativity can help students to discover the way to deal with real problems, learning strategically and searching the answers from the start.



# Non-Formal, Formal and Informal Learning

**“Non-Formal Education:** any organised educational activity outside the established formal system that is intended to serve identifiable learning clienteles and learning objectives.”

1. Learner has an **active role**
2. Learning is **practical**, based on real needs
3. **Improve life** of the individual and community
4. **Group-based** learning process
5. **Openness**

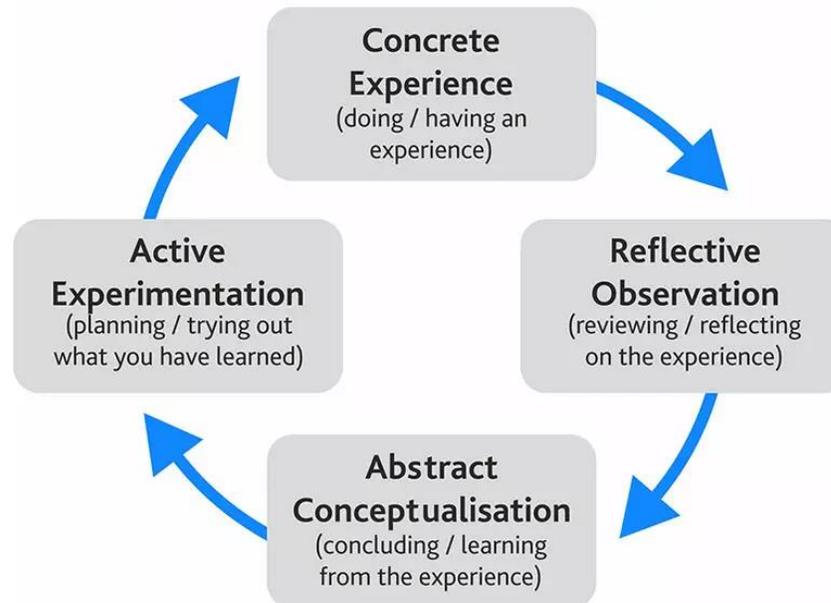
« **Formal education :** the hierarchically structured, chronologically graded 'education system', running from primary school through the university and including, in addition to general academic studies, a variety of specialised programmes and institutions for full-time technical and pressional training ».

« **Informal education:** the truly lifelong process whereby every individual acquires attitudes, values, skills and knowledge from daily experience and the educative influences and resources in his or her environment - from family and neighbours, from work and play, from the market place, the library and the mass media ».

# Non-Formal Education

- ▶ Visual strategies and teambuilding games showed the power of Non-Formal Education. In fact, starting from the activities, we explored the Kolb's experiential learning cycle and we learned how it allows to pass from reflection to conceptualization and application, giving the student an active role in the learning process.

## The Experiential Learning Cycle



# Outdoor Education

- ▶ Discovering the city of Bologna with the ActionBound App was a very funny way to deepen the power of Outdoor Education in an urban environment. Some of the benefits of Outdoor Education that emerged during the debriefing are on the one hand the increasing of motivation and creativity, on the other the improvement of the psychophysical well-being thanks to the contact with the nature and the consequent reduction of the stress.



# ICT

- ▶ We explored innovative teaching methods with ICT: Mentimeter, Edpuzzle and Thinglink are some of the tools we practiced in class, finding out new ways to engage students, assess and display a lesson.
- ▶ We were given time to explore the ICT tools and were able to create resources that we were able to use on our return back at Rowan Gate.
- ▶ We were able to share our ideas as a group to provide opportunities for reflection



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