



CEP CANARIAS

CENTRO DEL PROFESORADO LAS PALMAS DE GRAN CANARIA



# PBL

Project Based  
Learning

# REFRESHING IDEAS





DOES PBL WORK?





# PBL in our schools

Whole **school** works on a topic:

- need for high coordination
- need for an accurate organization of (time and space)
- high impact on results

**Tutor + specialists** using integrated lesson plans:

- need for some coordination
- shared timetable
- share group classes (each one in his/her subject)
- some impact on results (same group)

Same teacher using integrated lesson plans: no need for coordination

- organizes your own time
- better knowledge of students
- minimum impact on results (only you/only 1 group)

# How to succeed in reaching the last step?

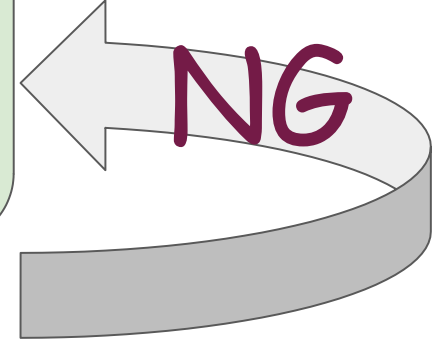
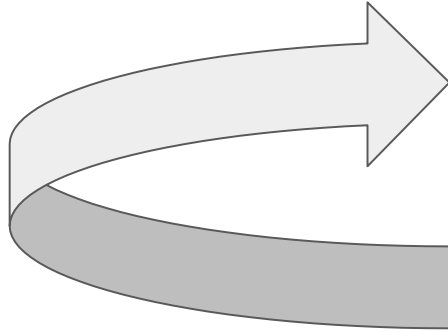


- Teachers' effective **professional development**
- Pedagogical philosophy
- Cooperative work
- Coexistence atmosphere

# PBL

- What is PBL
  - Characteristics
  - Benefits
  - Principles and steps
- Design and implement PBL in classroom
- PBL and other methodologies
- Tools and resources to develop PBL
- How to evaluate PBL
- Examples

# TRAINING



At schools as part of their training course programme

At teachers' training centre as part of its formative offer

Online courses



**Are teachers receiving an effective training on PBL?**

## 10 Things Teachers Want for Professional Development

- 
- 1 Teachers want a voice and a choice in the P.D. offered.
  - 2 Teachers want P.D. that is relevant for their students.
  - 3 Teachers want P.D. that they can use right away.
  - 4 Teachers want P.D. that is conducted by professionals with classroom experience.
  - 5 Teachers want P.D. that is innovative and creative.
  - 6 Teachers want P.D. that makes them better teachers.
  - 7 Teachers want P.D. that is practical, not theoretical.
  - 8 Teachers want P.D. that allows them to collaborate and speak honestly.
  - 9 Teachers want P.D. that will be relevant for a long time.
  - 10 Teachers want admin to attend and to participate in the P.D. sessions.

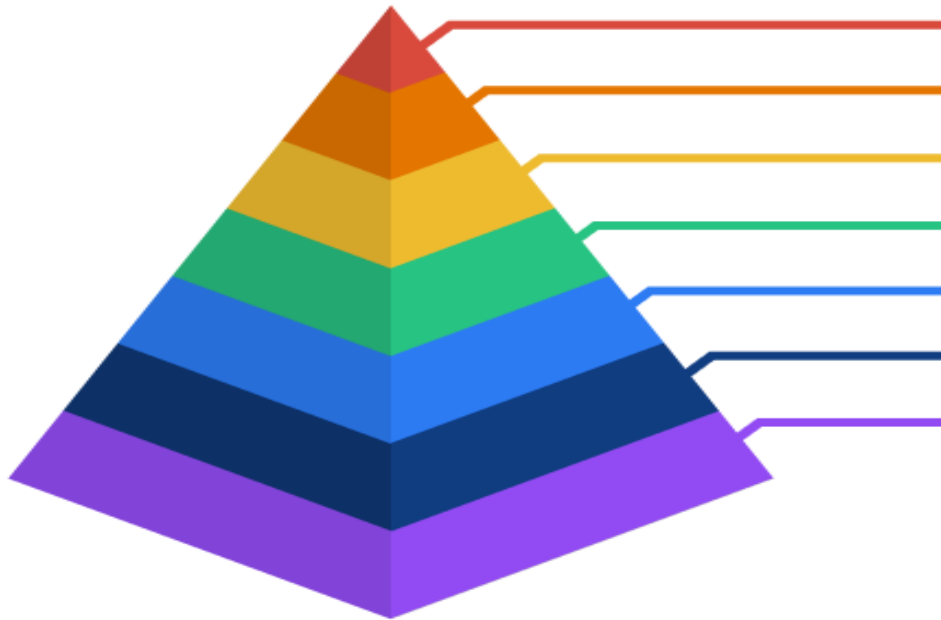


# BENEFITS



- Students will learn to be more **self-sufficient** and responsible, since they are the ones in charge of their own learning.
- Students learn to think and work in a **creative and innovative** way, thus developing skills such as **teamwork, decision-making** processes, **search of information**, etc.
- In order for them to solve a problem, they need to go through certain stages: **planning, structuring and product elaboration.**
- Students further develop their skills, and by putting

# Learning Pyramid



## Average student retention rates

5% - Lecture

10% - Reading

20% - Audiovisual

30% - Demonstration

50% - Discussion

75% - Practice Doing

90% - Teach Others /  
Immediate use

**PBL:**

**MEANINGFUL**

**LEARNING**



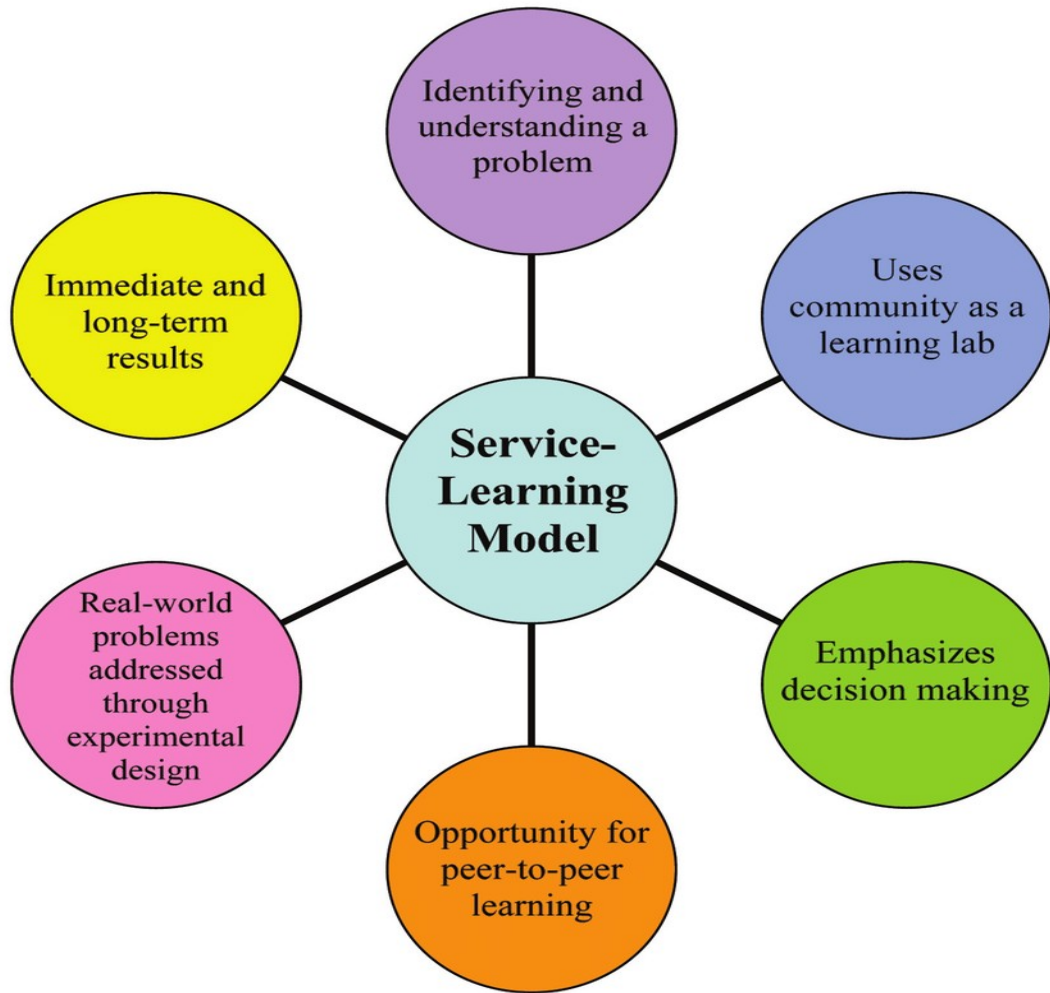
# A JOURNEY INTO THE FUTURE



Is school  
preparing  
OUR students  
for life  
within a  
society?

**A STEP  
FORWARD:  
SERVICE  
LEARNING  
PROJECTS**





In service learning, students learn educational standards through tackling real-life problems in their community.

# The whole community participates



# Some examples



# Let's make an outline!

1

**Social  
need**

The social  
problem or  
challenge  
students will  
work on.

2

**Service to  
community**

The solidarity  
action students  
will take in  
order to fight  
against the  
problem.

3

**Learnings**

Abilities,  
knowledge,  
attitudes and  
values students  
will reinforce.

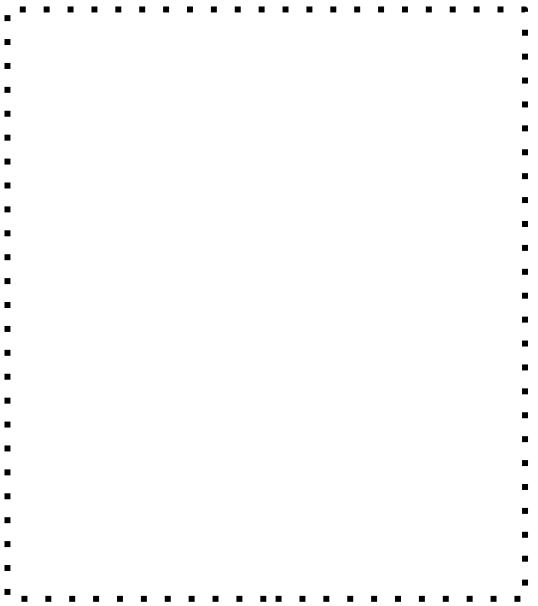
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**Networking**

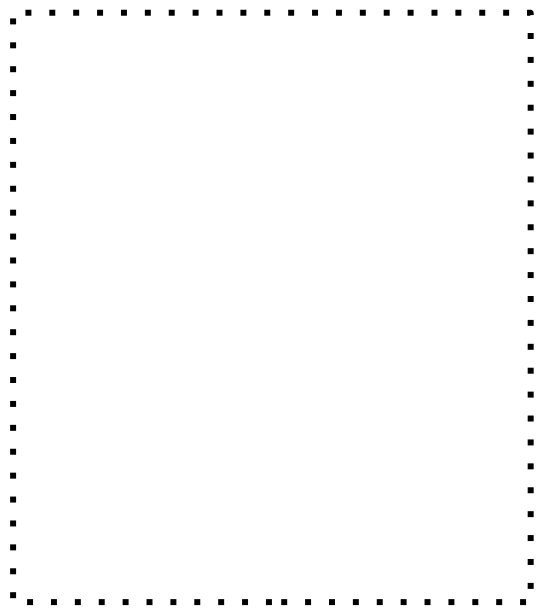
With other schools, social entities, public administrations...



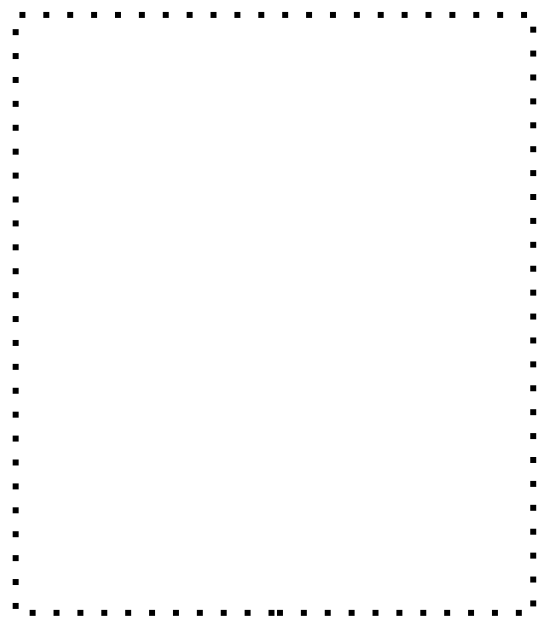
**1 Social need**



**2 Service to community**



**3 Learnings**



**Networking**

