



Effective use of mobile devices

Problem Based Learning

E-Facilitators Mobile

Problem based learning?



the teacher lays out a question or a problem and the students have to give an answer or find the way to solve it through a process



Why?



PBL allows the teacher and the student to settle a milestone in the learning process, where the student is the principal actor.



By using Problem Based Learning methodology, students...

- Learn to make decisions, individually or negotiating (with the group)
- Interact with peers and also with teachers
- Use the information of their close context
- Search for the information they need
- Produce and share ideas
- Discuss other possible solutions and also the mechanisms to find them.



Nature of the problems to be dealt with:



- They must be in accordance with the abilities of the students
- They must be significant to the students
- They can come from real or simulated (but potentially real) situations.
- The problem must be posed on a possible or real scenario.



Through the PBL, we can:

Work in acquisition of
competences

- Knowledge
- Abilities and skills
- Attitudes



It's a process



- the analysis of the problem
- the search for the necessary information
- the understanding of the information
- the integration of this information
- the application of a certain amount of knowledge and wisdom to solve the problem.



Stages

1. Presentation of the problem to be solved
2. Analysis of the previous knowledge
3. Identification of the knowledge and the resources needed to develop a solution
4. List of actions or activities that should be accomplished to find a solution.
5. Preparation of the work plan

After that...

6. Do what it's been planned: searching for the necessary information, carrying out actions, communication of the partial results
7. Elaboration of the answer and argumentation about the method used to find it.



Together,
we can solve a lot of
problems!



