



PROFILES



BEING A PROFILES TEACHER

*A Teacher's view on teacher training and
continious professional development*

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Being a PROFILES Teacher!

Recently, in parallel to the developments in science education

we, as teachers, have reconsidered and revised our understanding of teaching and learning science.



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PROFILES Project

One of the innovative projects that guide us in this reconsideration and revision is PROFILES project.



Innovation in our teaching!

The project has extended our vision in terms of teaching science and technology

It has contributed to our profession by means of active learning.



Innovation in our teaching!

The teaching method not only has shifted our teaching from direct teaching and passive learning to active and inquiry-based teaching, but also encouraged us to be creative science teachers.



Recent Developments

Recent developments in science education as well as the PROFILES project require the science teacher to design an interactive learning environment.



Teaching materials

In the PROFILES Project, the selection and design of visual materials for science teaching is as important as the use of them.



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PROFILES Modules

Modules were designed in our case such that they are appropriate for the students' developmental characteristics, their level of material use and the school's socio-economic context.





PROFILES CPD

The PROFILES project enhanced most of our skills as science teachers.

For example, during continues professional development workshops, our skills such as creative thinking, problem solving changed...

and our designing socio-scientific learning environment abilities were supported intensively.

Learning Environments

During the implementation of the modules in our science classrooms, I have realized that the most important task to promote long-term learning is to create a high quality learning environments.

In these learning environments, students' intrinsic motivation to learn science increases.



Students' abilities

I observed that my students' abilities such as decision making and scientific inquiry have improved.



Implementation

*I believe that the
PROFILES project
should be
disseminated and
implemented to keep
pace with the recent
developments in
science and science
education.*



Intrinsic motivation

The visual materials that we used in PROFILES modules as well as the teaching methods and techniques are selected and implemented to increase students' intrinsic motivation and meaningful learning.



Scenarios...

One of the most valuable part of the PROFILES modules is the scenario.

Students can study on a socio-scientific problem: search about it, inference based on observation and experiments, discuss and conclude.



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constant communication

PROFILES project enables the student to be more active than his/her teacher in the learning process.

Thus, during the learning process in course flow, it allows constant communication with other students and teacher by taking more responsibility.



Recommendations

My recommendations might be to have a teacher guide where all modules are collected in a book and all other modules from different countries in the project might be in the same book to increase the diversity of modules. By this way, the project applications might be disseminated.



Limitation of the project

- Time allocation towards curriculum*
- Questionnaire, too long and time consuming*
- Number of items in the questionnaire*



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Motivation of students

By the PROFILES project, I believe, that science education in our classrooms are more interesting and active since it increases attention and motivation of students.

I think , It is an important project for the achievement of scientific literacy





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THANKS FOR LISTENING ME!

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