

Main Difficulties in Teaching Chemistry in Secondary Schools

TEACHERS' CASE STUDY

Teacher's Case Study N.: 4

Name, Subject Taught, Place: *C, chemistry, gymnasium*

Description of the Case Study

Main difficulties in chemistry learning at school: *Chemistry is interdisciplinary subject, needs abstract thinking and historically is recognized as difficult subject*

Main difficulties in chemistry teaching at school: *content of the lessons is a problem, some topics are not interesting and we do not have time for some important interesting topics*

Identification of the main reasons why students do not choose to continue learning scientific subjects and chemistry in particular: *students want to have successful, rewarding careers and they do not expect this in science*

Identification of strategies to raise the number of students choosing to learn scientific subjects in higher education: *Better motivation, more interesting lessons and textbooks, more time for laboratory practice*

Description of initiatives known in the field of promoting lifelong learning: *Faculty of Education*

Involvement in initiatives in the field of promoting lifelong learning: *Faculty of education*

Suggestions: *More laboratory practice. More projects that would link together biology, physics, chemistry. More excursions. Better teachers! Interesting and useful experiments.*