

Main Difficulties in Teaching Chemistry in Secondary Schools

TEACHERS' CASE STUDY

Teacher's Case Study N.: 2

Name: VT, Male

Subject Taught: *Chemistry*

Place: *Athens area*

Description of the Case Study

Main difficulties in chemistry learning at school: *Cognitive problems. Chemistry symbols can be difficult to learn and some concepts are rather obscure, for example energy.*

Main difficulties in chemistry teaching at school: *The lack of time. Great amount of subjects to be taught. No time to perform enough experiments.*

Identification of the main reasons why students do not choose to continue learning scientific subjects and chemistry in particular: *Conviction that chemistry is difficult. The structure of the national education system and the unsuitable teaching techniques applied.*

Identification of strategies to rise the number of students choosing to learn scientific subjects in higher education: *They should be more appealing and connected to everyday life.*

Description of initiatives known in the field of promoting lifelong learning: *Effort of performing more experiments.*

Involvement in initiatives in the field of promoting lifelong learning: *Participant in a project concerning an application of systemics thinking to chemistry instruction.*

Suggestions: *No suggestions.*