

## Main Difficulties in Teaching Chemistry in Secondary Schools

### TEACHERS' CASE STUDY

#### Teacher's Case Study N.: 7

Name, Subject Taught, Place: *G, chemistry, gymnasium (4years)*

#### Description of the Case Study

Main difficulties in chemistry learning at school : *Lack of motivation*

Main difficulties in chemistry teaching at school: *Students are not interested in the subject*

Identification of the main reasons why students do not choose to continue learning scientific subjects and chemistry in particular: *No interest in scientific careers*

Identification of strategies to raise the number of students choosing to learn scientific subjects in higher education: *Increase motivation. Show interesting jobs in chemistry*

Description of initiatives known in the field of promoting lifelong learning: *Summer School for teachers (ICT Prague) – week long course for teachers held in summer at the leading “chemical” university – focused more on theory. Nove Hrad Academy*

Involvement in initiatives in the field of promoting lifelong learning: *The two above*

Suggestions: *State should really concentrate on increasing the popularity of science and increasing motivation to study scientific subjects.*