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Barriers to the Study of Scientific Subjects and Level of Knowledge of Basic Chemistry

ADULT LEARNERS' CASE STUDY

Adult Learner's Case Study N. 8:

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Description of the Case Study

Reasons of the decision not to continue studying scientific subjects: *I finished my secondary school and after that had to do my military service*

Main difficulties in scientific subject learning at school: *Chemistry became understandable to me after I had started to take private lessons. In my secondary school there was a shortage of laboratory stuff and equipment yet I was fascinated by chemistry and wanted to study it diligently*

Self evaluation of knowledge of chemistry: *Satisfactory*

Evaluation of the scientific information provided by the media: *Whenever something arouses my interest I refer to competent experts or read. In my opinion the media cannot provide understandable scientific information*

Perception of the word "Chemical": *"Chemical", well, I associate this with the chemical processing taking place in nature or with some discoveries in science and technology*

Result of the basic chemistry test: *If you melt 5 grams of salt in 100 grams of water, the solution obtained will weigh: between 100 and 105 grams. We sometimes perceive the presence of some substances through the sense of smell, as they give off a characteristic scent. Do you think it is made of material or immaterial particles? (Please justify your answer). Due to material particles. Can you think of an example of a pure substance in solid state? Diamond. Can you think of an example of a pure substance in liquid state? Rain water (or snow). Can you think of an example of a pure substance in gaseous state? Methane.*