

EUNEC CONFERENCE 2014

MASARYK SECONDARY SCHOOL OF CHEMISTRY

Program of school visit

- Presentation
- Laboratory workshop
- Excursion
- Informal discussion

Prague, 21. 10. 2014

CZECH EDUCATION SYSTEM

**ROLE OF MASARYK SECONDARY SCHOOL
OF CHEMISTRY IN EDUCATION SYSTEM**

CZECH EDUCATION SYSTEM

BASIC INFORMATION (simplified summary)

Level	Age Approximate	Years
Pre-school education <small>Attendance is not compulsory. Nursery school.</small>	3 - 6	3
Primary schools 1. Stage (1 – 5 grade) 2. Stage (6 – 9 grade) <small>Attendance has been compulsory since 1774.</small>	6 - 15	9
Secondary schools	15 - 19	4
Higher education	> 19	5

SECONDARY SCHOOLS

- Secondary vocational schools
(Apprentice schools)
- Secondary technical schools
("Industrial" schools)
- General secondary schools
(Grammar schools)



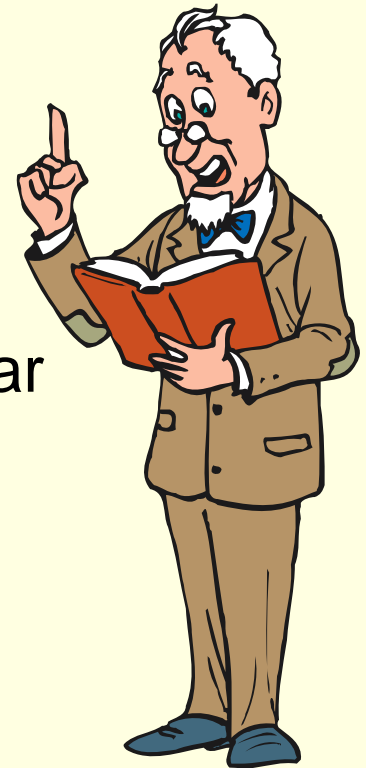
Secondary Vocational Schools

- Education lasts 2 or 3 years.
- Completed by a final exam and apprenticeship certificate.
- Practical training takes about one half of the teaching time and it aims at the acquisition of manual skills.



Secondary technical schools

- Usually provide a complete secondary education.
- Education lasts 4 years and is completed with a final exam (corresponding A-level).
- Sometimes provide also lower-level secondary vocational education (2- or 3-year courses).
- Schools prepare students for technical jobs in one of about 260 branches or for university studies.



General secondary schools (Grammar schools)

- School provides general, academic education.
- Its main aim is to prepare students for university studies.
- The duration is 4 years after 9 years of primary school, although there are also other types of grammar schools (6 – or 8- year).
- At the end of study students take a final exam (A-level).



Tertiary technical schools

- This kind of schools provide the necessary qualifications for demanding technical activities which do not require a university degree.
- The courses last a minimum of two years and a maximum of three and a half years.
- A graduate receives the degree “qualified specialist”.



University

- Bacalar study programs (3 years)
- Master study programs (2 years)
- Postgradual programs

TIME DISPOSAL

School year	1 st September – 30 th June
School holidays	1 st July – 31 st August (main)

Lessons take 45 minutes (5 days a week).

Primary school	22-25 lessons/a week in the first stage (1-5 grade),
	27-30 lessons/a week in the second stage (6-9 grade)
Secondary school	31 – 33 lessons/ a week

MASARYK SECONDARY SCHOOL OF CHEMISTRY



Secondary technical school
("Industrial" school)



KŘEMENCOVA 12
PRAGUE

GENERALLY ABOUT US

- Run by town council (Prague region, subsidies organization)
- Legal person
- Study is free of charge
- School is supported from the budget
- 390 students (aged from 15 to 19)
- 52 staff

BRIEF HISTORY

SECONDARY CHEMICAL INDUSTRIAL SCHOOL

- In 1836: First chemical courses in the First Czech Industrial School started.
- In 1898: A chemical department was formed.
- In 1945: The independent chemical school was founded.
- In 1952: School was moved to the present building.



PRESENT

CURRENT STUDY BRANCH: APPLIED CHEMISTRY

390 students

The first year is common for all students, then they are divided into classes with different specializations.

FORENSIC CHEMISTRY

CLINICAL AND TOXICOLOGICAL ANALYSIS

SYNTHESIS AND PREPARATION OF PHARMACEUTICALS



<http://www.mssch.cz/>