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
<table>
<thead>
<tr>
<th>Level</th>
<th>Age Approximate</th>
<th>Years</th>
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<tbody>
<tr>
<td>Pre-school education</td>
<td>3 - 6</td>
<td>3</td>
</tr>
<tr>
<td>Attendance is not compulsory. Nursery school.</td>
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<tr>
<td>Primary schools</td>
<td></td>
<td></td>
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<tr>
<td>1. Stage (1 – 5 grade)</td>
<td>6 - 15</td>
<td>9</td>
</tr>
<tr>
<td>2. Stage (6 – 9 grade)</td>
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<td>Attendance has been compulsory since 1774.</td>
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<tr>
<td>Secondary schools</td>
<td>15 - 19</td>
<td>4</td>
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<tr>
<td>Higher education</td>
<td>&gt; 19</td>
<td>5</td>
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</table>
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

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<table>
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<tr>
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<tbody>
<tr>
<td><strong>School year</strong></td>
<td>1\textsuperscript{st} September – 30\textsuperscript{th} June</td>
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<tr>
<td><strong>School holidays</strong></td>
<td>1\textsuperscript{st} July – 31\textsuperscript{st} August (main)</td>
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Lessons take 45 minutes (5 days a week).

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<thead>
<tr>
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<th>22-25 lessons/a week in the first stage (1-5 grade),</th>
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<tbody>
<tr>
<td>27-30 lessons/a week in</td>
<td>31 – 33 lessons/ a week</td>
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<tr>
<td>the second stage (6-9 grade)</td>
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</table>
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
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.
The first year is common for all students, then they are divided into classes with different specializations.

CURRENT STUDY BRANCH: APPLIED CHEMISTRY

390 students

- FORENSIC CHEMISTRY
- CLINICAL AND TOXICOLOGICAL ANALYSIS
- SYNTHESIS AND PREPARATION OF PHARMACEUTICALS