



Gymnázium Evolution

Czech Maturita Exam Topics 2025/2026

IB CHEMISTRY

Tools allowed: IB Chemistry data booklet (actual version), calculator

1. Introduction to the particulate nature of matter
2. The nuclear atom
3. Electron configurations
4. The mole
5. Ideal gasses
6. The ionic model
7. The covalent model
8. The metallic model
9. The periodic table
10. Classification of organic compounds
11. Measuring of enthalpy changes
12. Energy and energy cycles
13. The amount of chemical change
14. The rate of chemical change
15. The extent of chemical change
16. Proton transfer reactions
17. Electron transfer reactions
18. Electron sharing reactions
19. Electron-pair sharing reactions
20. The scientific work in Chemistry