

Curriculum Outlines:

1. Chemistry Curriculum and Assessment Guide (Secondary 4-6):

[https://www.edb.gov.hk/attachment/en/curriculum-development/kla/science-edu/Chem_C &A_Guide_updated_e_151217.pdf](https://www.edb.gov.hk/attachment/en/curriculum-development/kla/science-edu/Chem_C&A_Guide_updated_e_151217.pdf)

The table shows the topics and time allocations for the Chemistry Curriculum:

Compulsory Part (Total 182 hours)

- I. Planet earth* (6 hours)
- II. Microscopic world I* (21 hours)
- III. Metals* (22 hours)
- IV. Acids and bases* (25 hours)
- V. Fossil fuels and carbon compounds* (18 hours)
- VI. Microscopic world II (8 hours)
- VII. Redox reactions, chemical cells and electrolysis* (23 hours)
- VIII. Chemical reactions and energy* (7 hours)
- IX. Rate of reaction (9 hours)
- X. Chemical equilibrium (10 hours)
- XI. Chemistry of carbon compounds (25 hours)
- XII. Patterns in the chemical world (8 hours)

Elective Part (Total 48 hours, select any 2 out of 3)

- XIII. Industrial chemistry (24 hours)
- XIV. Materials chemistry (24 hours)
- XV. Analytical chemistry (24 hours)

Investigative Study (20 hours)

- XVI. Investigative study in chemistry

** These topics are included in the chemistry part of Combined Science Curriculum.*

2. Supplementary notes for Teachers

Applicable to the 2019 and 2020 HKDSE examination

http://www.edb.gov.hk/attachment/en/curriculum-development/kla/science-edu/ref-and-resources/Supplementary_note_for_Chem_30Oct2015_e.pdf

First implemented in the 2018/19 school year for Secondary 4 students and in the 2021 HKDSE examination

https://www.edb.gov.hk/attachment/en/curriculum-development/kla/science-edu/ref-and-resources/Supplementary_note_for_Chem_20180818_Eng.pdf