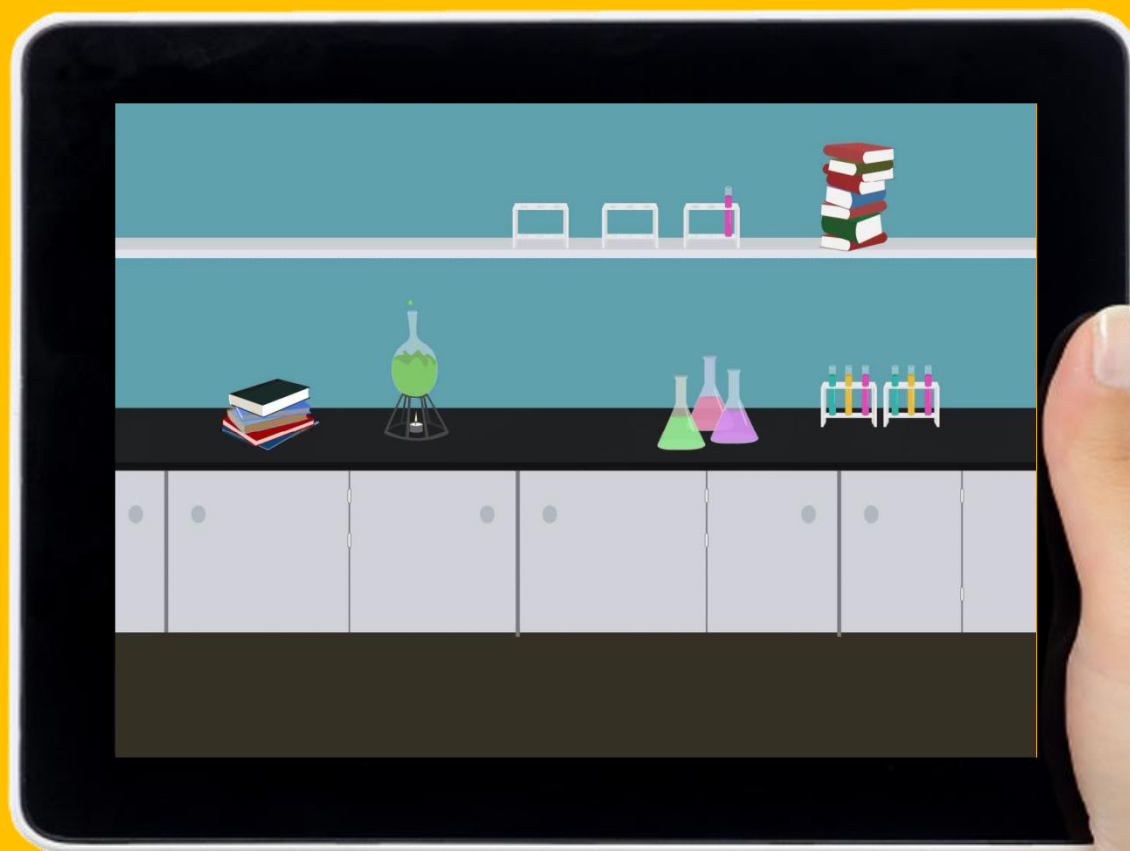


# **CHEMISTRY**

## **DEPARTMENT**



# CHEMISTRY DEPARTMENT



# Teaching Staffs

- There are 3 chemistry teachers
  - Mr. K. T. Yu (Department head)
  - Mr. K. S. Chan
  - Ms. P. S. Lo

# Curriculum (Chemistry)

- There are 3 sections in the HKDSE syllabus
  - Compulsory Part (S4, S5)
  - Elective Part (S5, S6)
  - Investigative Study (S5) (optional)

# Curriculum (Chemistry)

- Chemistry Curriculum is to provide chemistry – related learning experiences for students to develop scientific literacy, so that you can
  - participate actively in our rapidly changing knowledge-based society;
  - prepare further studies or careers in field related to chemistry;
  - Become life-long learners in science and technology.

# Curriculum (Chemistry)

- Compulsory Part
  - I. Planet earth
  - II. Microscopic world I
  - III. Metals
  - IV. Acids and bases
  - V. Fossil fuels and carbon compounds
  - VI. Microscopic world II
  - VII. Redox reactions, chemical cells and electrolysis
  - VIII. Chemical reactions and energy
  - IX. Rate of reaction
  - X. Chemical equilibrium
  - XI. Chemistry of carbon compounds
  - XII. Patterns in the chemical world

# Curriculum (Chemistry)

- Elective Part

*XIII. Industrial chemistry*

*XIV. Materials chemistry*

*XV. Analytical chemistry*

# Public Assessment

Component	Outline	Weighting	Duration
Public Examination	Paper 1 Compulsory Part	60 %	2.5 hours
	Paper 2 Elective Part (a choice of two out of three elective topics)	20 %	1 hour
School-based assessment (SBA)	Practical related tasks and non- practical related tasks	20 %	



# Further Study

- Chemistry is an essential subject for the admission of the following department in University
  - Pharmaceutical Science
  - Medical science
  - Chinese medicine
  - Chemistry