香 港 資 優 教 育 學 苑
The Hong Kong Academy for Gifted Education

Metal Reactions (SCIP1161)

Introduction	Humans have been using metals for a few thousand years. The advancement in technology and the accumulation of experience have enhanced our understanding of metals, including methods of metal extraction, metal reactivity, and metal reactions, enabling us to use metals properly. Through experiments, students will learn about reactions of different metals and to compare metal reactivity using various methods. Besides, they will have a chance to make metal plating products.
Programme Type / Level	The Material World - Chemical Reaction Course (Level 1) (Token-required)
Instructor(s)	Dr. Lui Bob, Chemistry Teacher of King's College (This programme is co-organized with King's College)
Pre-requisite	No special prerequisites are needed
Target Participants	➢ P4 to P6 HKAGE student members ➢ Class size: 30
Medium of Instruction	English with English handouts
Certificate	**E-Certificate** will be awarded to participants who have: ❖ Attended **at least 3 sessions; AND** ❖ Completed all the assignments with **satisfactory performance**
Intended Learning Outcomes	Upon completion of the programme, participants should be able to: 1. Investigate and explain the metal reactivity with different reactions; 2. Analyse different methods of metal extraction and explore the factors affecting rusting; 3. Create metal plating products by synthesising concepts learnt in the programme.
Application Procedure	**<u>This programme is Programmes with No Screening</u>** There are no screening questions, written test or other screening methods for this type of programmes. ● Student members can select up to 5 programmes from a list of selection. Applicants have to state the priority when submitting the application. (1st priority, 2nd priority, 3rd priority, etc). 1 token is required for each programme (For programme list, please refer to the issue 14 of Gifted Gateway (click here)); ● Application can only be submitted once. Once it is submitted, the priority and the programme selection cannot be changed; ● If a student member removes a programme from the application before the application deadline by withdrawal, the choice priority will remain unchanged. (For example: A student has selected three progarmmes and removed the programme with the 1st priority from the application. The choices of 2nd and 3rd priority will remain unchanged with no promotion in priority.); ● We will select the students based on the student's choice of priorities and a randomly generated selection by the computer system. If there is time clash between the applied programme and other programmes with offer, HKAGE will consider if the application will be accepted; ● Priority will be given to student members who have not completed the applied programmes; ● Student members should avoid applying programmes with time clash; ● The decision of HKAGE on the result of selection should be final.
Application Deadline	**18 Apr 2019 12n.n.**
Application Result Release Date	**26 Apr 2019**

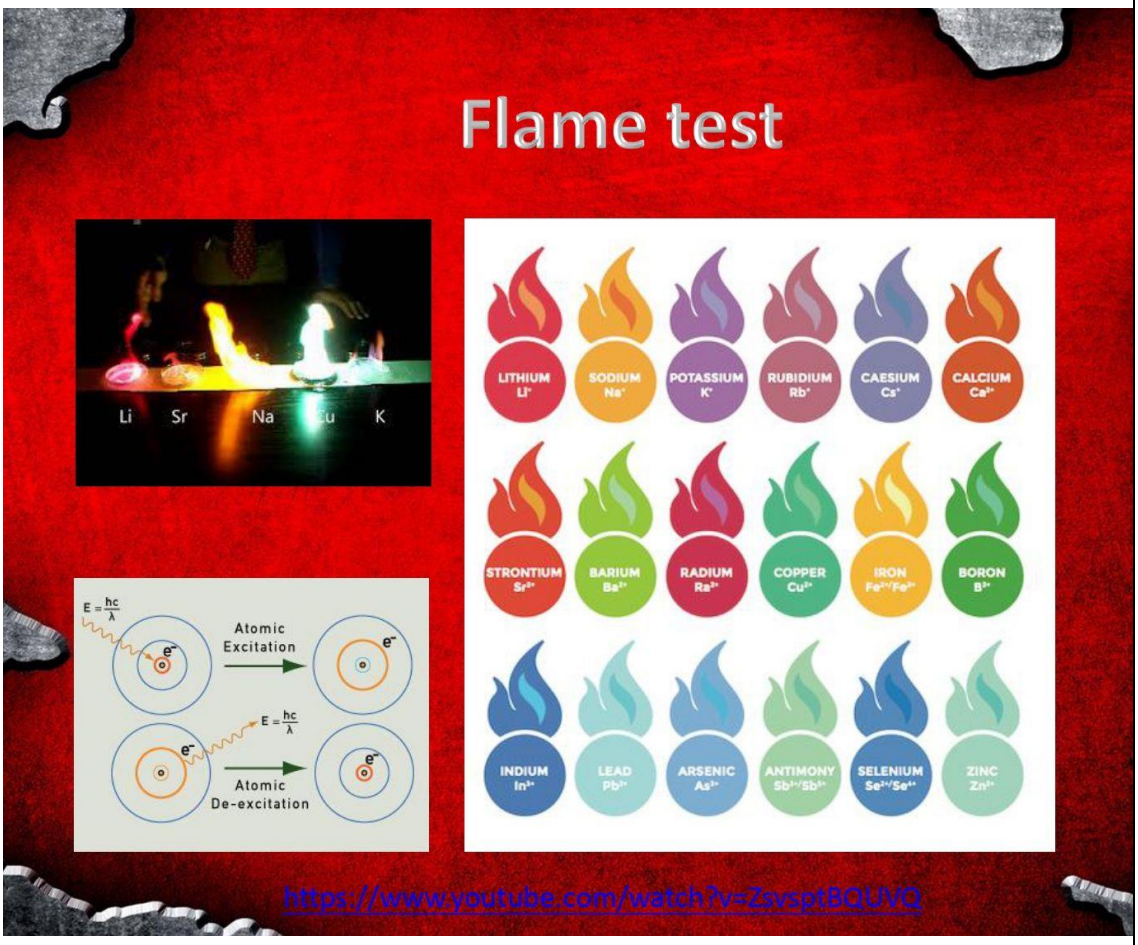
Student members may withdraw from the programme on or before the deadline. Otherwise, the token will be deducted.

Schedule

Session	Date	Time	Venue
1	12 Jul	9:30 a.m. – 12:30 p.m. 1:45 p.m. – 4:45 p.m.	King's College[1] Chemistry Laboratory
2			
3	13 Jul		
4			

[1] Address: 63A, Bonham Road, Hong Kong (map)

Course Note



Enquiries

For enquiries, please contact us at 3940 0101 after language selection, press "1".