



HKASME Oct-2014 Mail Pack

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**Concerning about languages across curriculum? →→→ Check for update
concerns and findings in "Science News"**



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Council News

☺ Sticking to broad aims ☺

Hope everyone survives over the busy September. Do you have any new problems with your students, classes and parents? Of course, there should be some re-shaping and/or further development of our teaching and learning to cope with the ongoing slight amendments of the DSE-curriculum.

Our project development team is working on various projects of which one may be related to our longed review of the science curriculum linking the Primary to the Junior-Secondary. There will also be some seminars in the November Conference at HKied. Check for details at <http://www.ied.edu.hk/apera2014/> or have updates at our WWW.

As usual, during the annual SBA Conferences for Science subjects in late October and November, there will be some reduction sales of certain items. Please refer to the updated catalogue in the WWW. And, a few items celebrating the SME 50th Anniversary will be on the way -- do check and have some for your collection and/or prize for your students. In the mean time, the "mail pack" with the Special edition

of our Journal for the 50th Anniversary will include a memorial gift -- "the 50th Anniversary stamps" -- to all members.

Do help to spread the news to friends and teachers that the Journal will be more than just for the Association but also provides information for staged developments of our Science and Math education profession in Hong Kong. In the long run, we hope that some of the historical items could be put on our WWW as a museum of some sort for the Association. If you have photos or words to share, or enquiries, please direct them to our Office via phone (2333-0096), fax (2333-7602) or email (enquiry@hkasme.org).

The Council
Sept. 2014



* Thanks for all donations in the past 50 years that support the Association to this day.
Donations are welcome, either for specific event or for general support.

((=====))

Sales:

-- →... check for some NEW references, aids, etc... in the Sales Order Form...(can be downloaded from www.hkasme.org)

((=====))



Update News at <http://www.icasonline.net/>

(ICASE = "International Council of Associations for Science Education". HKASME is one of the founding member of ICASE.



Coming Conference in **2016, Antalya, Turkey** -- Check for details at <http://www.icas2016.org/> or

<http://www.icasonline.net/conf.html>

>>>=====<<<

Science News →

(A) A different kind of nuclear power

Betavoltaics is an alternative energy source in which the beta decay of a radioactive element, such as strontium-90, is used to generate a cascade of free radicals in aqueous solution and platinum-coated titania nanoparticles are used to tap an electric current from the process. Researchers at the University of Missouri suggest that such a device might have applications in space exploration in circumstances when solar-powered photovoltaics are inadequate or in longer-lasting batteries for electric vehicles.

[First Water-Based Nuclear Battery Developed by MU Researcher Can Be Used to Generate Electrical Energy](#)

-- for details, go ...

<http://munews.missouri.edu/news-releases/2014/0916-first-water-based-nuclear-battery-developed-by-mu-researcher-can-be-used-to-generate-electrical-energy/>

(B) Concerns about Maths in Science, Language across curriculum -- what our UK colleagues are working at ..

Concerns have often been raised by science teachers that there is not a good level of understanding of the mathematical aspects of science amongst students. In our DSE curriculum, due to the limitation of overall curriculum time for most students, there may not be enough complementary subject-based support as in the old curriculum. How could we address the problem -- learn on a needed base? May be we could borrow ideas from the IB-TOK (Theory of Knowledge) and the ASE Nuffield foundation support Maths-booklet on the preparation.

Check for

[1] New Findings about TOK (IB) --

http://education.cambridge.org/as/whats-new/blog/posts/2014/09/new-findings-for-the-theory-of-knowledge-course?utm_source=Cambridge+Education+e-News&utm_campaign=eb94ccd976-September_Newsletter_2014&utm_medium=email&utm_term=0_5384bdd456-eb94ccd976-311772473

[2] Update news about "Maths in Science" at ..

<http://www.ase.org.uk/news/ase-news/the-language-of-mathematics-in-science/>

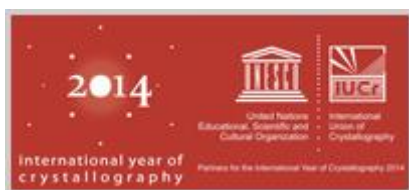
Chemistry News →

Chemistry Subject Year Plan 2014-2015

Month	Activity
Oct 25, 2014	SBA – Conference (Chemistry)
Nov 15, 2014	Briefing Session of the Hong Kong Chemistry Olympiad of Secondary School 2014-2015
Dec 26, 27, 29, 2014	HKDSE Chemistry Mock Examination 2014-2015
May - Jul 2015	Hong Kong Chemistry Olympiad for Secondary School 2014-2015
May - Jul 2015	“Digichem” Video Production Competition for Hong Kong Secondary School 2015
May – Jul 2015	New Senior Secondary Chemistry Assessment 2014-2015
June 2015	HKDSE Chemistry Mock Examination For F.4-5
Jun - Jul 2015	Australian National Chemistry Quiz 2014-2015 (H K Section)
Aug 2015	Chemistry Public Examination Paper Review 2014-2015

Chemistry committee members List 2014-2015

Name	School
Dr. Bob Lui (Convenor)	King's College
Mr. Roi Wong	Ho Lap College (Sponsored by Sik Sik Yuen)
Mr. Ben Ng	HKASME
Mr. Tang Siu Lung	DMHC Siu Ming Catholic Secondary School
Mr. Ho Ping Kuen	Heung To Middle School
Mr. Lo Wai Cheong	SKH Li Ping Secondary School
Mr. Alex Wong	HKASME
Mr. Andy Lee	TWGHS Wong Fut Nam College
Dr. Tara Lam	St. Paul's Convent School
Ms. Victoria Wong	Marymount Secondary School
Mr. Fung Wing Kei	St. Paul's Co-Educational College
Mr. Poon Chan Kwok	HKASME
Mr. Or Choi Kuen	Sai Kung Sung Tsun Catholic Sec. School(Sec .Section)
Dr. Wong Chi Kit	Cheung Sha Wan Catholic Secondary School
Mr. Lee Wai Hon, Chris	PLK Celine Ho Yam Tong College
Mr. Mok Ming Wai	Wah Yan College, Kowloon
Mr. Leung Pang	Tsuen Wan Public Ho Chuen Yiu Memorial College
Ms. Chuang Yung Ping	Chinese Foundation Secondary School

(1) Cont'd with "International Year of Crystallography (2014 - IYCr)" ...

... Let your students go International ...

(1a) -- Celebrating IYCr2014 in Australia ...



(1b) -- Latin American's IYCr Meeting ...

(1c) **** RSC "Global Expt 2014" == The Art of Crystallization cont'd even have "CHINESE version"! cont'd ...**

Have a go to...site below → Learn also different Languages
(available for some resources).....



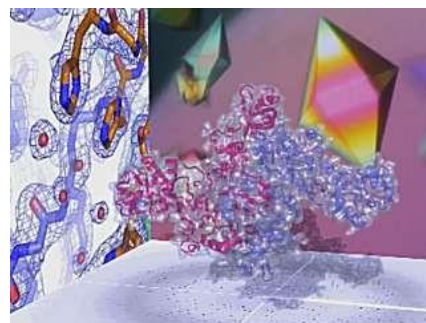
<http://www.rsc.org/learn-chemistry/resource/res00001379/global-experiment-2014?cmpid=CMP00003401#!cmpid=CMP00004722>

(1d) **Molecules of Life** ... Crystallography contribute much to this aspect of investigation ...

Check for more at

<http://iycr2014.org/learn/watch/educational/molecules-of-life>

→ Could be a further exploration for DSE-Chemistry Topic "Microscopic world II".



(2) "Chem.is.TRY" Quote

Q: Chem is what?

Try

What do you want to do?

Try.

we all are trying, who fails?

One who refuses to try

Q: Can we try now?

Ans: Yes oooh.

Now let's try chemistry.



Ans:

Q:

Ans:

Q: If

Ans:

from <http://www.rsc.org/blogs/eic/2014/07/beauty-language-chemistry> ([Dr. Ernest Onyebuchi Onwu](#))

Hong Kong Chemistry Olympiad for Sec Schools (2014 – 15)

& “Digichem” for Hong Kong Secondary Schools 2014-2015

Both competitions share the same theme this year:

The Chemistry of Color 顏色化學

Please refer to the attached documents for further information.

(3) Hong Kong Chemistry Olympiad for Secondary Schools (2014 - 2015)**Information Sheet**

The Hong Kong Chemistry Olympiad for Secondary Schools is a project learning competition jointly organised by the Hong Kong Association for Science and Mathematics Education (HKASME), the Hong Kong Chemical Society and the Royal Society of Chemistry. It aims at promoting the interest of students in learning Chemistry and developing students' problem solving, communication and science process skills through project learning. Details of the Olympiad are given below:

- Theme** The Chemistry of Color 顏色化學
- Participants** Each team comprises three to five S3-S6 students and each school can present a maximum of two teams of students to compete in the Olympiad.
- Rules for the competition**
- Students will design and work on their own project in school. The project should include experimental work.
 - Each team of students should write up a report to give a concise and well-ordered account of their project including the objectives, an abstract of not more than 200 words, principles, experimental methods, presentation and interpretation of results, discussions, conclusions and references.
 - School logo or name should be avoided on any works, otherwise participants may be disqualified.
 - A preliminary screening based on the video and written reports will be conducted. The best 6-10 teams (approximate) will be invited to attend Final Competition.
 - During the Final Competition, each team is allowed a maximum of 7 minutes to report their project. After each presentation, there will be 7 minutes for the team to respond to questions raised by the panel of judges and the audience. The softcopies of PowerPoint, video, report, abstract and summary should be stored in a CD-R and submit to the HKASME during the Final Competition.
 - If finalist teams participate in other competitions, they should notify the organizing committee as soon as possible so that proper arrangement could be made.
 - Students can only use either Chinese or English in their project report/website and presentation. Mixed mode of both languages is not allowed.
 - Schools will be responsible for the production costs of their projects.
- Adjudication** The panel of judges comprises representatives from the organizers. All projects will be judged according to the following criteria:
- whether the project is relevant to the theme of the Olympiad,
 - whether the chemical principles described are sound and whether the methods used are reliable,
 - whether the project describes a novel but significant experience and can be used or applied in other areas,
 - whether the presentation is clear and convincing, and
 - other criteria as deemed appropriate by the panel of judges.
- The preliminary screening will focus on the quality of projects. The final adjudication will focus on the overall performance of the team on the day of final competition.
- Deadline for Submission** 8 May, 2015 before 6:00p.m.
- Awards**
- Gold, silver and bronze medals will be presented to members of the first three winning teams.
 - A trophy will be presented to the school of the champion team for its retention for one year.
 - Certificates and souvenirs will also be given to all members of the finalist and commendable teams.
- Enquiries** Enquiries regarding the Olympiad may be directed to Miss CHU of HKASME at 2333 0096
- Copyright** The organisers reserve the right to publish in full or part of the entries. All entries will not be returned to schools.
- Safety Matter** All participating schools should take all necessary safety precautions and obey laws announced by Education Bureau and other authorities.

Schedule for 18th Hong Kong Chemistry Olympiad for Secondary School

Date	Detail
Nov. 15, 2014 (Sat)	☞ Briefing Session with Science Talk Venue: King's College, 63A, Bonham Road, Hong Kong Time: 9:30 – 11:40 a.m.
Dec. 19, 2014 (Fri)	☞ Deadline for submission of application forms for the Olympiad <i>An application form (Appendix I) is attached.</i>
May. 8, 2015 (Fri) Before 6:00pm	☞ Deadline for submission of written reports and presentation materials (for website report, please store in a CD-R). All materials should be submitted through the school principal to: Dr. Bob Lui, HKASME Room 114, 1/F, Po On Court 1-15 Po On Road, Sham Shui Po, Kowloon A submission form (Appendix II) is attached
Jun. 5, 2015 (Fri)	☞ Announcement of result for entering to Poster presentation (around 6-10 teams)
Early July. 2015 (Sat)	☞ Poster Presentation and Final Competition and Award Ceremony Time: 9:00 a.m. – 1 :00 p.m. Venue: confirm later

Application Form

(Deadline: 13 Nov 2014)

Hong Kong Association for Science and Mathematics Education

Room 114, 1/F, Po On Court

1-15 Po On Road, Sham Shui Po, Kowloon

(Fax no.: 2333 3355)

Briefing Session on Hong Kong Chemistry Olympiad for Secondary Schools (2014-2015) (Including 15 minutes for DIGICHEM)

I nominate the following Chemistry teacher(s)/laboratory technician(s) and __[†] students to attend the briefing session:

Name in English (in block letters)	Name in Chinese	Position Held
Mr / Ms*		Teacher / LT *
Mr / Ms*		Teacher / LT *
Mr / Ms*		Teacher / LT *

† Each school could nominate a maximum of three teachers/laboratory technicians and twenty students. Nominations will be processed on a first-come-first-served basis. Nominees may assume their application successful unless they receive further notice.

** Please delete whichever is inappropriate*

Signature of Principal : _____

Name of Principal : _____

School : _____

Tel. No. : _____

Fax No. : _____

Date : _____

Application Form

(Deadline: 19 Dec 2014)

Hong Kong Association for Science and Mathematics Education
 Room 114, 1/F, Po On Court
 1-15 Po On Road, Sham Shui Po, Kowloon

(Fax no.: 2333 3355)

Hong Kong Chemistry Olympiad for Secondary Schools (2014-2015)

I nominate the following team(s)[†] to participate in the above competition:

Participating Team(s) :

<i>Team A</i>			<i>Team B (if any)</i>		
<i>Class</i>	<i>Name</i>		<i>Class</i>	<i>Name</i>	
	<i>English (in block letters)</i>	<i>Chinese</i>		<i>English (in block letters)</i>	<i>Chinese</i>
E-mail of team leader:			E-mail of team leader:		

Responsible Teacher(s) :

Team A: Dr/Mr/Ms* _____ e-mail: _____

Team B: Dr/Mr/Ms* _____ e-mail: _____

† Each team comprises three to five S3-S6 students.

** Please delete whichever is inappropriate*

Signature of Principal : _____

Name of Principal : _____

School : _____

Tel. No. : _____

Fax No. : _____

Date : _____

Hong Kong Chemistry Olympiad for Secondary Schools (2014-2015)**Reports and Presentation Materials
Submission Form**

Name of School	:	
Name of Team	:	Team A
Project Title	:	
Name of Team	:	Team B
Project Title	:	

Signature of Principal :

Name of Principal :

Date :

(4) “ Digichem” Video Production Competition for Hong Kong Secondary Schools 2014-2015 Regulations

1. Aims

The competition aims at:

- promoting students’ interest in learning Chemistry;
- developing students’ problem solving, communication and science process skills through demonstrating and explaining interesting experiments; and
- encouraging students to communicate scientific ideas to the public in a meaningful and creative way.

2. Participants’ Qualification

Participant must be a secondary student of a whole-day school.

3. Requirement of entry

(a) Theme:

- **The Chemistry of Color**

(b) Video:

- The duration of the video is 2 minutes.
- The chemistry experimental work should be conducted in the school laboratory using materials obtained at home or any daily products. Risk assessment should be conducted before starting the experiment. Supervision from the teacher should be provided when the students carrying out the experiments.
- The content could be presented in either Cantonese or English. Mixed-code is not accepted.
- The video should be uploaded on YouTube (URL: www.youtube.com) before submitting the Application Form and the report.

(c) Report:

- The video should be accompanied by a report including the experimental principle and the safety-related aspects for the experiment. The coverage of the report should not exceed two single sided A4 papers. The idea can be illustrated by texts, diagrams or photos, etc.
- A cover page with the title of the video. School logo or name should be avoided on any works, otherwise participants may be disqualified
- The language used in the report should be consistent with that used in the video.

4. Rules

(a) The competition consists of Junior Secondary Division and Senior Secondary Division:

1. Junior Secondary Division: Students of S1 to S3.
2. Senior Secondary Division: Students of S4 or above.

(b) Teams, comprising not more than three students in a team, must be nominated by schools. Each school can nominate a maximum of two teams and each team can only submit one entry. A team who submits more than one entry will be disqualified.

- (c) Each entry should include a video and a report.
- (d) Entries must be the participants' original work that have not been published previously, nor submitted for other competitions.
- (e) Entries must not infringe any intellectual property rights or any other rights of any third party.

5. Submission of Entries

The report(s) for the video(s) should be submitted together with the attached Application Form via schools **by post** to “Hong Kong Association for Science and Mathematics Education, Rm 114, 1/F., Po On Court, 1 Po On Road, Sham Shui Po, Kowloon”. Please mark clearly on the envelope “*Digichem*”. The deadline for the entry submission is **8 May 2015** (the postal chop date will be the date of receipt).

6. Judging

- (a) The judging panel for the competition will comprise representatives from Hong Kong Association for Science and Mathematics Education.
- (b) Entries will be marked according to the following criteria:
 - How the experiment and the report are presented and elaborated;
 - Whether the idea of experiment is creative; and
 - Whether the entry is interesting, original, scientifically accurate and engaging to ordinary audience.

7. Awards

- (a) The competition consists of the following awards for each junior secondary and senior secondary levels:
 - One Champion : One trophy and book coupons worth HK \$1,000
 - One first runner-up : One trophy and book coupons worth HK \$800
 - One second runner-up : One trophy and book coupons worth HK \$500
 - Two merit awards : One award certificate and book coupons worth HK \$300 each
- (b) All participants will receive a certificate of participation.
- (c) Winners will be notified of the competition results before July 2015, and be invited to receive their awards in a prize-giving ceremony, details of which will be given in due course.

Copyright The organisers reserve the right to publish in full or part of the entries. All entries will not be returned to schools.

For details, please visit our website: www.hkasme.org.

“Digichem” for Hong Kong Secondary Schools 2014-2015**Application Form****(Submission deadline: 8 May 2015)**

To: Hong Kong Association for Science and Mathematics Education,
Fax No.: 2333 3355

I nominate _____ team(s) of students⁽¹⁾⁽²⁾ to participate in the captioned competition. I certify that all entries are the original work of my students. The following are the details of participating students and their video:

Participating Team(s) :					
Team A			Team B (if any)		
Class	Name	Email	Class	Name	Email
Division: Junior / Senior* secondary			Division: Junior / Senior* secondary		
Title of the video:			Title of the video:		
URL of the video:			URL of the video:		
Responsible Teacher(s) :					
Mr / Ms*			Mr / Ms*		
Email:			Email:		

* Please delete as appropriate

Note: (1) Each school can nominate up to two teams of students and each team should not consist of more than 3 students.
 (2) Each team can only submit one entry.

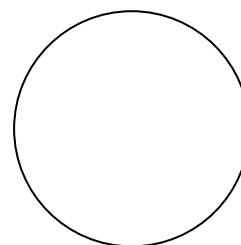
School Name: _____

School Tel. No.: _____

Name of Principal: _____

Signature of Principal: _____

Date: _____



School Chop

General Science News →

Introduction of the Science Sub-Committee

We are a group of enthusiastic Science teachers from different schools. We are all concerned about the development of Science education and we work with a heart for the betterment of Science education in Hong Kong. Welcome to join us as a sub-committee member to share your expertise and teaching experiences.

Annual Plan 2014-2015

- i. Science talks for secondary schools
- ii. Visit of Science & technology companies
- iii. Promotion of Science books / models
- iv. Science competition for primary schools
- v. The Big Science Competition co-organized with Australian Science Innovations
- vi. Teacher Training Workshop about promoting Scientific Literacy

Science Sub-Committee Advisors:

Principal Lau Chun Hung

Principal Pang Chi Chuen

Science Sub-Committee Members:

Ms. Lo Yuk Shan Alice (Convenor)	Pentecostal School
Mr. Wong Wing Kei Stephen	China Holiness Church Living Spirit College
Mr. Ronald Chong	China Holiness Church Living Spirit College
Mr. Leung Chung Kee Kelvin	China Holiness Church Living Spirit College
Mr. Li Chi Man	YLPMSAA Tang Siu Tong Secondary School
Ms. Cheung Tung Ping Emily	Munsang college
Mr. Lui Ho Fai Nick	Hong Kong Institute of Technology

Mathematics News →

Our mathematics subcommittee consists of a very enthusiastic group of teachers that participate in various activities related to the Hong Kong Mathematics Education.

Our objectives include:

1. To promote Mathematics Education
2. To provide an environment for communication among mathematics colleagues.
3. To enhance professionalism in Mathematics Education.

We also work with the Education Bureau and other associations in organizing activities for secondary Mathematics teachers as well as Mathematics competitions for students in Hong Kong., such as The HK Youth Mathematical High Achievers Selection Contest

Other Activities proposed for 2014-15 include:

- Mathematics Pedagogy Study Group

The Study Group is open to all members who are interested in round table discussion of issues related to mathematics pedagogy, probably teaching ideas and resources for individual topics. The group aims at meeting around 3 times a year.

- Seminars / Workshops for professional development of Math teachers

Mathematics Committee members contact list 2014-2015	
Name	School
Mr Arthur Lee 李文生	The University of Hong Kong 香港大學
Mr Fung Tak Wah 馮德華	HKASME 香港數理教育學會
Mr. Cheng Wing Kuen 鄭永權	HKASME 香港數理教育學會
Mr. Lee Wing Yeong 李永楊	STFA Cheng Yu Tung Sec. School 順德聯誼總會鄭裕彤中學
Mr. Mak Kwok Cheung, John 麥國彰	La Salle College 喇沙書院
Ms. Tsui Kwan Yuk 徐崑玉	HKSYCIA Wong Tai Shan Memorial Secondary School 香港四邑商工總會黃棣珊紀念中學
Mr. Chow Lai Sum 周禮深	STFA Cheng Yu Tung Sec. School 順德聯誼總會鄭裕彤中學
Mr. Ng Tat Yeung 伍達洋	STFA Cheng Yu Tung Sec. School 順德聯誼總會鄭裕彤中學
Mr. Lee Kwok Chu 李國柱	Pui Ching Middle School 培正中學
Mr. TAM Chi Leung 譚志良	The Hong Kong Chinese Christian Churches Union Logos Academy 香港華人基督教聯會真道書院
Mr. Kwok Sze Chai 郭思齊	Ho Lap College (Sponsored by Sik Sik Yuen) 可立中學 (嗇色園 主辦)
Ms Tsui Fung Ming 徐鳳鳴	Hon Wah College 漢華中學
Mr Wong Tak Ming 黃德鳴	QESOSA TONG KWOK WAH SEC SCHOOL 伊利沙伯中學舊生會湯國華中學

Honorary Advisor : Prof. Siu Man Keung 蕭文強教授

For more information of the activities, please clicks the following links

<https://www.facebook.com/SMEMATHS?ref=hl>



香港數理教育學會
**Hong Kong Association for Science and Mathematics
Education**

Rm 114, 1/F., Po On Court, 1 Po On Road, Sham Shui Po, Kln.

Tel: 2333 0096, 2333 7602 Fax: 2333 3355

<http://www.hkasme.org/>

數學教學研習小組 2014-15 第一次聚會

過去兩年，數學教學研習小組就不同的課題作討論。參與的會員亦不時提議他們關注的課題。今年，我們先討論幾何教學上一些內容和形式的分歧。大家或許留意到幾何範疇內有很多定義和定理。課程、公開試和課本之間或有不同的指引。老師或學生在答題或證明的過程中，容易感到混亂。無論初中或高中，希望參加者可提出不同例子，讓我們一起研究教學上的處理方法。

活動：數學教學研習小組 (第一次聚會)

日期：2014 年 11 月 7 日 (星期五)

時間：18:00-20:00

地點：長沙灣天主教英文中學 218 室(長沙灣福榮街 533 號；長沙灣地鐵站 C2 出口)

報名方法:

香港數理教育學會會員: 網上報名

#香港數理教育學會非會員: 請填妥報名表，請傳真至 2333 3355。

詳情請瀏覽網址: <http://www.hkasme.org>

截止報名日期: 2014 年 11 月 5 日。(先到先得)

回條：數學教學研習小組 (第一次聚會) (2014/ 11/ 07)

截止報名日期：2014年11月05日(先到先得)

請填妥報名表，請傳真至 2333 3355。

學校名稱：_____

姓名：_____ (中文) _____ (英文)

聯絡電話：_____ 電郵地址：_____

學校名稱：_____

姓名：_____ (中文) _____ (英文)

聯絡電話：_____ 電郵地址：_____

學校名稱：_____ +-





姓名：_____ (中文) _____ (英文)

聯絡電話：_____ 電郵地址：_____

Biology News →

Biology Subject Report (2013-2014)

李志文 LI Chi-man, Jimmy.
Biology Convenor, HKASME

Date	Activity	Remarks
18th Oct 2013	Professional Sharing Talk at <u>HK Caritas Joint-School Professional Development Day</u>	Participants: Biology teachers of all HK Caritas's secondary schools
	 	
9th Nov 2013	Learning and Teaching Resources Selling Booth at <u>HKDSE-Conference (Biology)</u>	In attendance: HKEAA Participants: Biology teachers of all secondary schools
21th Dec 2013	<u>Hong Kong Biology Olympiad for Secondary Schools 2013/2014</u>	Participants: Students of all secondary schools
	 	
4th Feb 2014	Talk about Preparation for HKDSE Biology at RTHK program: “ <u>奮發時刻 DSE</u> ”	Participants: Students of all secondary schools
25th Feb 2014	Sharing at <u>Focus Group Discussion Meeting on the revision of the Science (S1-3) curriculum</u>	Organizer: EDB CDI(SE) Participants: Science Teachers
29th April 2014	Sharing with Executives from <u>International Council of Associations for Science Education (ICASE)</u>	Participants: HKASME colleagues and ICASE colleagues

Biology Subject Committee Member 2014-2015

Dr. Yip Wing Yan, Valerie (Honorary Advisor), The University of Hong Kong

Mr. Li Chi Man, Jimmy (Convenor)	YLPSMAA Tang Siu Tong Secondary School
Mr. Tong Ling Poon, Andrew	Cheung Chuk Shan College
Ms. Chan Wing Man, Idy	Fanling Rhenish Church Secondary School
Ms. Lee Hoi Man, Sarah	HKASME
Ms. Lau Ka Hoi, Audrey	Lai King Catholic Secondary School
Ms. Lo Yuk Shan, Alice	Pentecostal College
Mr. Lui Ho Fai Nick	Hong Kong Institute of Technology

Hong Kong Biology Olympiad for Secondary Schools (2014/2015)

In order to further promote the learning morals in studying the current Senior Secondary Biology Curriculum, the Hong Kong Association for Science and Mathematics Education (HKASME) will organize the above captioned event. Students of your school are now strongly encouraged to participate.

Details are described as follows:

- Aims**
- (a) To stimulate students 'active interest in Biology,
 - (b) To challenge and expand their talents,
 - (c) To enhance their scientific literacy through promoting the learning of Ideas about Science (i.e. Nature of Science, Scientific Inquiry and Science-Technology-Society-Environment Connections).
- Rules**
- (a) Each school can nominate students to participate.
 - (b) The students can be in S4/S5/S6 in the year of 2014-2015.
 - (c) Each student participant attends a 1-hour test with 60 multiple-choice questions held in **afternoon** on December 20, 2014 (Saturday) and completes the assessment **INDIVIDUALLY**.
 - (d) The test consists of questions related to four areas in Biology: (i) scientific inquiry (20%), (ii) nature of science (20%), (iii) science, technology, social & environment connection (20%), and (iv) content knowledge (40%). The scopes of these four areas covered are referred to the **COMMON** parts shared by HKDSE Biology and HKDSE Combined Science (Biology).
 - (e) Questions are set in both **Chinese** and **English** versions.
 - (f) HKASME reserves the rights for any amendment made.

Academic Advisor: Dr. YIP, Valerie Wing-yan (Division of Science, Mathematics and Computing, Faculty of Education, The University of Hong Kong)

Awards: Individual Awards include First, Second and Third Class Awards.

School Awards will be presented to the schools with the mean test scores of the students ranked in the top eight among all participating schools. Meanwhile, school with the highest number of participants will be awarded with Certification of High Participation.

Result release: Late January, 2015

Fee: HK\$50 per student (Include administration, marking, analysis report and certificates)

Deadline of Application: **October 31, 2014** (Detailed arrangement of the Olympiad will be notified via email shortly after this day)

Enquiries: Enquiries regarding the Olympiad may be directed to **Miss CHU of HKASME at 2333 0096**

Attached please find the application form. Grateful if it is completed, returned together with a cheque of an appropriate amount, crossed and payable to "HKASME LTD", to us by 31st October, 2014.

RE: Additional Information Concerning HKBO for Secondary Schools (2014/2015)

This year we are aiming in one-step further to accommodate more students in participation. Thus, we do not require students to form a team in participation. However, in competing for the school award, a school needs to nominate at least 8 students. For schools nominating more than 8 students, marks from the top 8 students of each school would be used in calculating the mean score of that school.

Let us once again acting endeavor in promoting Biological Science Education of Hong Kong!

Best Regards,
HKASME.

Application Form

(Deadline: 31st October 2014)

Hong Kong Association for Science and Mathematics Education
Room 114, 1/F, Po On Court
1-15 Po On Road, Sham Shui Po, Kowloon.
(Fax no.: 2333 3355)

Hong Kong Biology Olympiad for Secondary Schools (2014/2015)

I nominate _____ student (s) to participate.

Responsible Teacher:

Dr/Mr/Ms* _____ E-mail: _____ Tel: _____

* Please delete whichever is inappropriate

Name of Principal : _____ Signature of Principal : _____

School : _____ Tel. No. : _____

Fax No. : _____ Date : _____

Participating Students (School: _____)

(Please copy if needed)

<i>Class</i>	<i>Name</i>	
	<i>English (in block letters)</i>	<i>Medium of paper</i>
		*Chinese / English
		*Chinese / English
		*Chinese / English
		*Chinese / English
		*Chinese / English
		*Chinese / English
		*Chinese / English
		*Chinese / English
		*Chinese / English
		*Chinese / English

* Please delete whichever is inappropriate
















2014 HKASME Sales Order Form


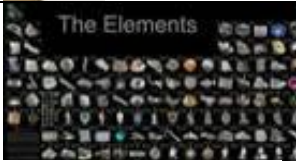


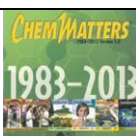
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	Total	\$	\$

Please complete the order form and return or fax it to the association office with cash or a cheque payable to "HKASME Ltd". Room 114, 1/F., Po On Court, 1-15 Po On Road, Sham Shui Po, Kowloon.

Tel: 2333 0096 / 2333 7602

Fax: 2333 3355

Name _____ M'ship No (if any) . _____ sign: _____

Sch. Tel: _____ Home / Mobile no. _____ Fax no: _____

School _____ Email: _____

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