

**Chemistry
&
C S (Chemistry)**

SBA Annual Conference



(29 Oct 2011)

Supervisors' Remarks

(Feedback on SBA S5 administration)

- As V.A. involves basic experimental skills for studying Chemistry, V.A. cannot be substituted by other types of quantitative experiments in the SBA requirements.
- Scope and depth of Q.A. need not be similar to those of the AL Chemistry Practical Examination. The minimum requirements for Q.A. are just simple tests on cations, and/or anions.
- EXPT should be experiments similar to those suggested in the Curriculum and Assessment Guide, but different from V.A. and Q.A.
- There are several schools with extreme mark distributions such as all students with 9 marks, or 70% students with 0 mark, etc.

**Chemistry
&
C S (Chemistry)**

SBA Arrangements

HKDSE Chemistry & CS(Chem) SBA Arrangements

Minimum number of Assessment per student				
S5 (2013 Exam)				S6 (2012 & 2013 Exam)
Basic Chemical Analysis (BCA)			Experiment	Experiment
VA	QA		EXPT	EXPT
Chemistry	1	1	1	2
CS(Chem)	1	----	1	1

	VA	QA
Student's work	Individual Volumetric Analysis	Individual Detection of cation/anion/ both
Assessment	Individual worksheet	Individual worksheet

	EXPT
Student's work	Group experiments (other than VA & QA) in the Curriculum and Assessment Guide
Assessment	Individual worksheet/simple report/detailed report/quiz (same mode for all students per task)

Teacher's work	Marking students' written work (worksheet / simple report / detailed report / quiz)
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- There is **no** need to deal with **School Repeaters** for S6 (2012 Exam) submission.
- There might be **Switching of Courses / Transfer Students** for S6 (2012 Exam) submission. Requirements are the same as those for normal S6 students. For details, please see Chapter 2 of the 2012 SBA Teachers' Handbook.
- There is **no** need to deal with **Switching of Courses / Transfer Students / School Repeater** for S5 (2013 Exam) submission.
- Please see also **SBA Sample Tasks** provided by HKEAA at <http://www.hkeaa.edu.hk>

Task Titles to be entered in the system

- Teachers are advised to arrange enough tasks for learning and teaching. However, in order to avoid unnecessary pressure that might be induced from SBA and to strike a balance, the following arrangement will be adopted:

		Maximum number of task titles that can be entered in the system		
		VA	QA	EXPT
Chemistry	S5	2	2	5
	S6	---	---	5
CS(Chem)	S5	2	---	3
	S6	---	---	3

		Minimum number of tasks that should be performed for <u>S5 + S6</u>
Chemistry	S5	$VA + QA + EXPT \geq 8$
	S6	
CS(Chem)	S5	$VA + EXPT \geq 4$
	S6	

Assessment marks

- Assessment marks for each student should come from the task titles entered in the system. If the number of assessment marks entered for a student for a certain task exceeds the minimum requirement, the system will automatically average out the marks in the calculation of the final SBA mark of that student at S6 submission.

Support from District Coordinators

- Teachers need to attend group meetings to share experience especially in consensus marking of SBA tasks.
- Teachers and/or School Coordinators may discuss with District Coordinator if needs arise.
- District Coordinator may also visit the schools of his/her group for professional sharing and collecting feedback.

SBA work plan for 2011-12

- Submission requirements in 2011-12 (Ref: *School circular in early Oct*)

Month/Year	Events
29 Oct 2011	SBA annual conference
Sep 2011 – Apr 2012	S6 and S5 SBA activities to be conducted by schools
6 Jan – 6 Feb 2012	Submission of S6 SBA marks, Student list, Student work samples
Mar – May 2012	Moderation of S6 SBA marks by the HKEAA
Mar 2012	Provision of user accounts for submission of S5 SBA scores to schools
14 May – 18 Jun 2012	Submission of S5 SBA marks by schools
Jul 2012	Release of 2012 HKDSE results
Sep – Oct 2012	Provision of feedback on the outcome of the SBA moderation of 2012 HKDSE to schools

**Streamlining SBA
Requirements
starting from 2014
Exam**

Streamlining SBA Requirements

- Feedback from schools through principals, teachers, district coordinators, CDC-HKEAA Committees and various studies
- Major concerns:
 - Students' and teachers' workload
 - No. of subjects with SBA increases to 21 in 2014 HKDSE
- Streamlining proposals with a view to addressing critical concerns, including workload issues, in a timely manner while upholding the spirit of SBA for the benefit of students

Why 2014 ?

- Earliest year of implementation of proposed changes to the SBA would be **2014 HKDSE** because schools have already started SBA for the 2013 cohort
- Any streamlining should not affect schools and students for whom SBA tasks have already started
- Experiences gained and review upon the completion implementation of the 2012 HKDSE would help inform the way forward

Principles of Streamlining

- Should not change the design principles of the curriculum and assessment framework
- Uphold the spirit of SBA – integral part of learning & teaching and essential component of the public assessment, with due consideration given to the interests and benefit of students
- Streamlining through avoiding too much overlapping of SBA (**minimising duplication of assessment effort** within/across subjects), and **reducing administrative work** in conducting the assessments and submitting marks, to make SBA **more manageable for students and teachers** but not at the expense of essential learning elements

Time Frame

- Coordinated communication plan to consult stakeholders, enhance understanding and collect feedback
- Target to inform schools about the finalised arrangements in early 2012
- Minimal impact on schools' planning of the SBA

Time Frame

- **May - Aug 2011:**
Formulating streamlining proposals by CDI and HKEAA
- **Sep – Oct 2011:**
Presenting the proposals to Principals' Liaison Meeting, SBA Advisory Group, CDC-HKEAA Committees for discussion
- **14 Oct 2011:**
Briefing sessions for school leaders
- **Oct - Nov 2011:**
Sharing the proposals with teachers at SBA subject conferences
- **Nov - Dec 2011:**
Consulting schools about the proposals
- **Jan - Feb 2012:**
Endorsement sought from the Public Examinations Board
- **Feb 2012:**
Informing schools of the finalised arrangements

Streamlined Proposals (starting from 2014)

Minimum Number of Assessments over the TWO years (S5 and S6)		
	Chemistry	Combined Science (Chemistry)
VA	1 (5%)	1 (5%)
QA	1 (5%)	-----
EXPT	2 (10%)	1 (5%)

Notes

- For Chemistry, **Investigative Study (IS)** becomes **NOT** mandatory. However, if teachers would like to submit IS marks for their students, the following principle will apply:

1 Investigative Study = 2 EXPT

i.e. 1 assessment mark on planning

1 assessment mark on process (data collection, analysis, reporting)

- **NOT requiring SBA marks on Non-Practical Related Tasks** doesn't mean that the tasks are gone forever. These tasks are good Learning & Teaching activities. However, in the initial years of HKDSE, teachers should be given chance and time to understand the depth and breadth of the curriculum, and to understand the examination more. Whether these SBA marks are required in the future will be **re-considered after major review of the curriculum and assessment of NSS.**
- **Minimum number of tasks performed in S5 + S6 remains unchanged:**
(Chem: VA + QA + EXPT \geq 8 ; CS(Chem): VA + EXPT \geq 4)
- Details of S5 and S6 mark submissions will be confirmed after consultation.

School-based Assessment System (SBAS)

S6 Submissions

- **S6 Mark Data File**
(Online Principal endorsement required)
- **Student List for SBA Work Submission**
(Principal's signature on hardcopy required)
- **Student Work**
(Principal Endorsement NOT required)

ALL of the above should be submitted ONLINE.

No formal submission of Experiment lists are required.
However, District Coordinators may collect them when needed.

When to submit

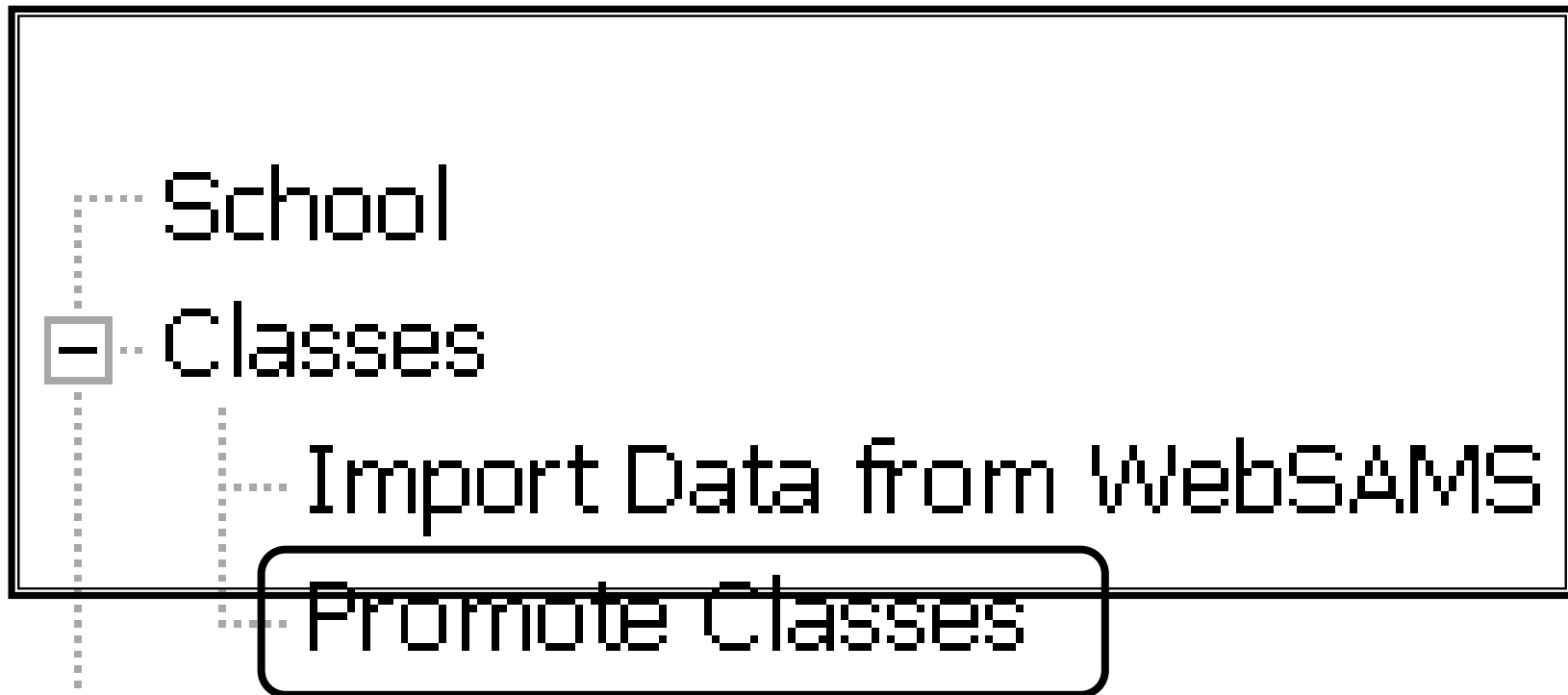
- ***6 Jan 2012 - 6 Feb 2012***
- **Mark Data File, Student List for SBA Work Submission and Student Work share the same submission period.**
- **Please submit the Mark Data File to principal for endorsement in advance to allow sufficient time for completion of other submissions.**

S6 Submission Procedures

Promoting Classes

- Teachers are required to use the same software in which the S5 mark has been entered to promote the class before entering the S6 marks.

- Expand **Classes** > **Promote Classes**



Classes - Promote Classes

Enter the corresponding secondary 6 class:

	S5 Class	S6 Class
	5A	6A
	5B	6B
▶	5C	

Promote

記錄: ⏪ ⏩ 3 ⏴ ⏵ * 之 3



- To review the updates, you can click on the **Classes** on the left menu

The screenshot shows a software interface with a left-hand menu and a main content area. The menu items are 'School', 'Classes', 'Impo', and 'Pror'. The 'Classes' item is highlighted with a black box and a white minus sign icon. A dotted line connects the 'Classes' menu item to the top of a table. The table has a grey header with the title 'Classes' and three columns: 'Class', 'No. of Students', and 'No. of Repeaters / Transfer Students'. The table contains data for classes 5A, 5B, 5C, 6A, 6B, and 6C. A black box highlights the rows for classes 5C, 6A, 6B, and 6C. A '*' symbol is visible in the bottom-left corner of the table area.

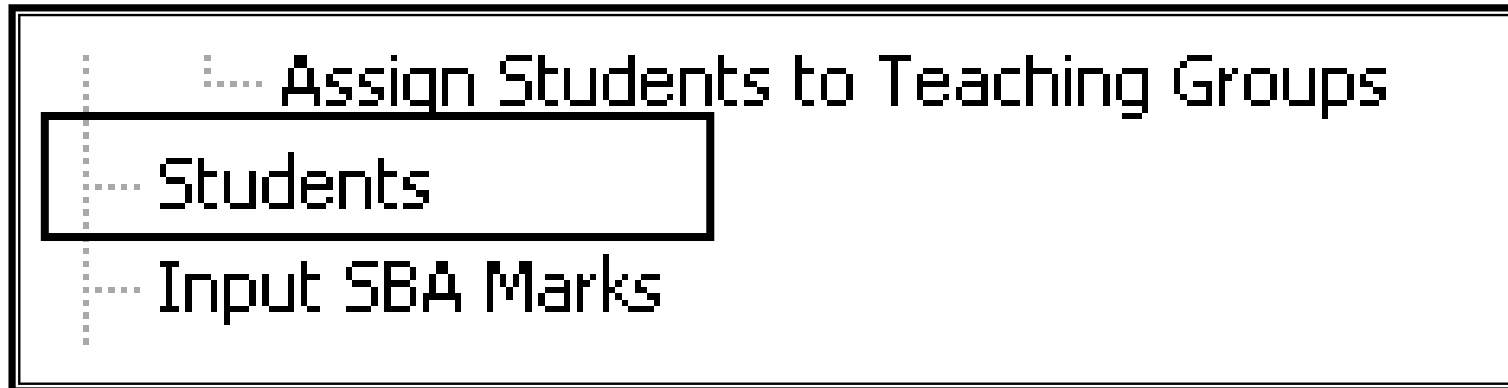
Classes			
	Class	No. of Students	No. of Repeaters / Transfer Students
▶	5A	0	0
	5B	0	0
	5C	0	0
	6A	38	0
	6B	24	0
	6C	1	0
*			

Notes

- **S6 class must begin with '6'.**
- **Assign transfer/switch student, if needed, after 'promote class'.**
- **Select 'language medium' for students after 'promote class'. It refers to the medium used by the student in completing his/her SBA work.**

Assign S6 Students

● Expand Students



Select 'language medium' for students after 'promote class'

The image shows a software interface with a table and a dropdown menu. The table has columns for 'Teaching Group', 'Class', 'Class No.', and 'Name'. A dropdown menu is open over the 'Language Medium' column, showing 'Chinese' and 'English' as options. The table also has columns for 'Transfer/Switch' and 'Relatives of'.

No.	Language Medium	Re
	▼	
	Chinese	
	English	

Teaching Group	Class	Class No.	Name	Transfer/Switch	Relatives of
6_TG1	6A	1		<input type="checkbox"/>	
6_TG1	6A	2		<input type="checkbox"/>	
6_TG1	6A	3		<input type="checkbox"/>	
6_TG1	6A	4		<input type="checkbox"/>	
6_TG1	6A	5		<input checked="" type="checkbox"/>	
6_TG1	6A	6		<input type="checkbox"/>	
6_TG1	6A	8		<input type="checkbox"/>	
6_TG1	6A	9		<input type="checkbox"/>	

Batch input of 'language medium'

- **For batch input of 'language medium', copy the respective column from the SBA Software and paste it to an excel file.**
- **Then batch input the 'language medium' in the excel column.**
- **Lastly, copy the excel column and paste onto the respective column of the SBA Software.**

Input SBA marks

Procedure **SAME AS S5** submission

Subject Teacher to

- create Teaching group and enter SBA Marks
- generate Reports and Charts, and export Mark Data File

Subject Panel to

- consolidate SBA Marks and view all SBA Marks
- generate Reports and Charts, and export Mark Data File (whole school)

Submit Mark Data File

Submit Mark Data File

- The procedures are similar to those performed in S5 submission.
- Check and confirm the accuracy of the marks before submitting the Mark Data File.



Submit SBA Files

Instructions:

- 1) Click the "Upload" button.
- 2) Select the "File Type".
- 3) Click the "Browse..." button to select the file you plan to upload.
- 4) Input description. (optional)
- 5) Click the "Upload" button to start upload.

Remarks:

Click [here](#) for the details of file naming convention.
Re-submission of SBA Mark Data File is not allowed when it is pending for endorsement.

Refresh

View 12-CHE 1

Upload

Title

Student List/Student Work/Teacher Document



Description

Submit SBA Files

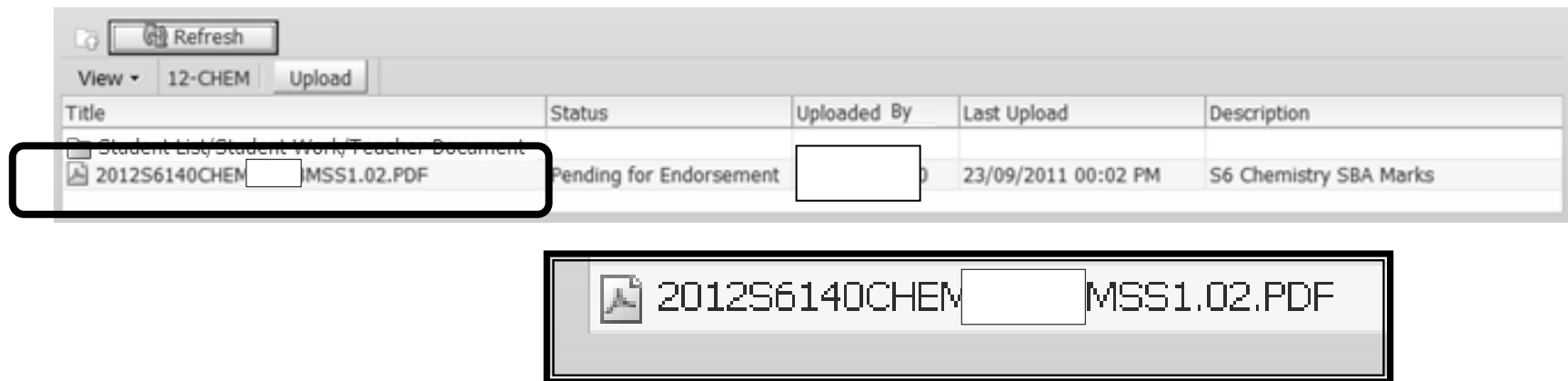
* File Type Mark Data File Student List Student Work


* File To Upload


Description

The image shows a web form titled "Submit SBA Files". It has three radio buttons for "File Type": "Mark Data File" (selected), "Student List", and "Student Work". Below this are two text input fields: "File To Upload" and "Description". To the right of each input field is a "Browse..." button. At the bottom of the form are three buttons: "Upload", "Cancel", and "Upload". Several elements are highlighted with black callout boxes: the selected "Mark Data File" radio button, the "File To Upload" input field, the "Description" input field, the "Upload" button on the left, the "Upload" button on the right, and both "Browse..." buttons.

- The file is displayed in the list awaiting the Principal's endorsement as below.



Title	Status	Uploaded By	Last Upload	Description
Student List/Student Work/Teacher Document				
 2012S6140CHEM [redacted] MSS1.02.PDF	Pending for Endorsement	[redacted]	23/09/2011 00:02 PM	S6 Chemistry SBA Marks

 2012S6140CHEM [redacted] MSS1.02.PDF
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**Submit
Student List for
SBA Work
Submission**

Submit Student List for SBA Work Submission

- Student list is a list generated by the SBA software after all the marks are entered to facilitate the SBA work submission.
- It shows the 6 students, selected by the software, who need to submit their work.

- **After the Principal has endorsed the Mark Data File**, the Subject Panel should **generate the “Student List for SBA Work Submission”** by selecting **“Reports and Charts > Student List for SBA Work Submission”** in the menu of the SBA Software.
- If the Student Work is in good order, please **complete the Student List** appropriately.



SAMPLE

- If the work of any chosen student cannot be located, or involves any irregularities (such as mark penalty being imposed due to plagiarism or late submission), please **report to the HKEAA (3628 8068)** and request for a change of student(s) for work submission.
- Please **fax the Student List and the Percentile Table to the HKEAA at 3628 8091** for replacement.
- After confirming the arrangement, the **HKEAA will fax an amended version** of the Student List to the school.

- The Principal should sign in the designated place, and the List should be stamped with the school seal.
- Then scan the Student List into a pdf file, and name it as **CHEM(SL).pdf / CSCHM(SL).pdf**
- Then upload the Student List through the Online Services. The system can only **store 1 Student List file**.
- Procedure similar to uploading Mark Data File.

Submit Student Work

Submission of Student work through Online Services

- **Marked work of 6 students, chosen by the HKEAA, is to be submitted. Only those pieces of work with marks submitted are required.**
- **The work for each student should be zipped to one single file if the work contains more than one file. Please note that the Student Work file for each student should be less than **10Mb**.**
- **Please note that if the work for a student contains only one file, there is no need to perform the zipping procedure. The system can accept files of any common extensions.**

- Student Work File name convention:

[Subject Abbreviation] [(6-digit Student Document Number)].[File extension]

e.g. **CHEM(123456).zip**

CHEM(362880).pdf

CSCHM(246800).doc

- The Student Document Number is shown in the Mark Summary Sheet. In fact, it comes from the beginning 6 digits of the identity document of a student. e.g. HKID No. = K362880(1), the document number is then '362880'.
- Then upload the Student Work through the Online Services. The system can only **store 6 Student Work files**. Procedure similar to uploading Mark Data File.

Supports

Reference Materials and Enquiries:

<http://www.hkeaa.edu.hk/> > School-based Assessment > SBA for HKDSE

Online Demonstration

- “Online Demonstration Kit” (操作示範) to illustrate the step-by-step procedures in completing the process. Available by Mid Nov 2011.

香港考試及評核局
Hong Kong
Examinations and
Assessment Authority

管理員
流程

下載軟件 • 安裝軟件 輸出檔案 返回

下載一
- 簡介

下載二
- 路徑

下載三
- 確定

下載四
- 安裝中

下載四
- 完成

下載五
- 執行路徑

香港考試及評核局
Hong Kong
Examinations and
Assessment Authority

• 下載軟件 安裝軟件 輸出檔案 返回

用戶編號 密碼 登入

輸入用戶編號

輸入用戶密碼

填寫後按登入

English

評核軟件

條款 | 私隱聲明 | 免責聲明 |

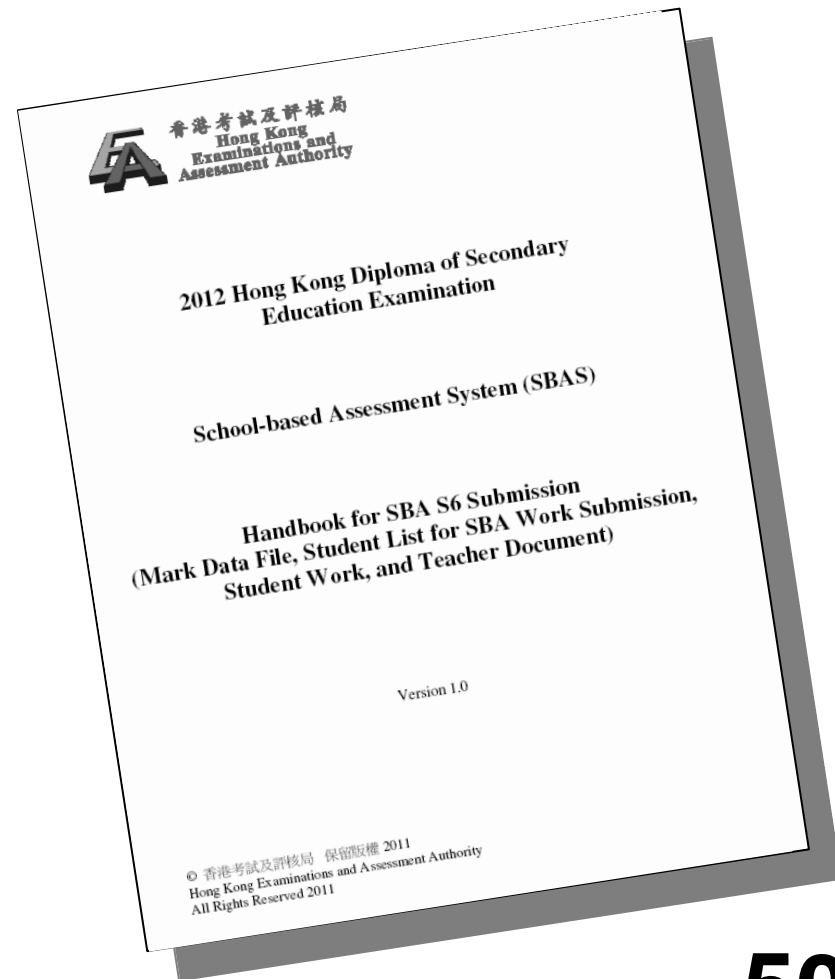
User Manual

- Available on HKEAA website
(<https://www.hkdse.hkeaa.edu.hk>)



Handbook for SBA S6 Submissions (New)

- To be distributed to schools and available on HKEAA website by early Nov 2011
- Read together with the User Manual



Useful Tips for Handling Student Work Files

- Resizing pictures
- Converting hard copy to pdf with minimum file size by a scanner or a photocopying machine with scanning function
- Zipping several files into a single file
- Compressing pictures/images using Microsoft Word
- Converting Word documents to pdf

Technical Briefing for SBAS S6 submission

Session	Date & Time	Venue
A	12 Dec 2011 (Mon) 5:00 pm – 6:30 pm	G/F, Lai King Assessment Centre, HKEAA
B	17 Dec 2011 (Sat) 9:00 am – 10:30 am	

Online enrolment (Deadline: 10 Dec 2011) <http://esurvey.hkeaa.edu.hk/SBAS6>

Hands-on Training Workshops

Mon	Tue	Wed	Thu	Fri
			5 JAN	6 JAN
9 JAN	10 JAN	11 JAN		

Time: Session A: 4:30 pm – 5:30 pm

Session B: 5:30 pm – 6:30 pm

Enrolment by calling 3628 8333 (starting from 12 Dec 2011)

Enquiry Hotlines

- Subject Matters:
3628-8070
3628-8068
- Technical Issues:
3628-8333



'Essay question' in HKDSE Chemistry and Combined Science (Chemistry) Examination

'Essay question' means a question where mark(s) will be awarded for effective communication. It is NOT necessarily equivalent to a 9-mark question in the past HKCE examinations. In the HKDSE examination papers, an asterisk (*) will be put next to the question number for this type of essay questions.

For Chemistry Paper 1 Section B, this type of questions may appear in PART I, PART II, or BOTH. For Combined Science (Chemistry) Section B, there will be at least one such type of questions.

Post-conference Supplementary Notes to ‘Essay question’ in HKDSE Chemistry and Combined Science (Chemistry) Examination

Please note that for a question with an asterisk (*), one mark for effective communication will be awarded. For the Practice Papers to be provided and the Live Papers of 2012 HKDSE examinations, there will be TWO (*) for Chemistry Paper 1 Section B (one in Part I and one in Part II), and ONE (*) for Combined Science (Chemistry). Teachers are advised to adopt this pattern in setting the school mock examination papers.