



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



專業 · 公平 · 可靠 Professional · Equitable · Reliable

# Bio SBA Conference

5 November 2022

Mr Tsui Chi Shing, Ben

Manager – Assessment Development



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



專業 · 公平 · 可靠 Professional · Equitable · Reliable

# Special Arrangement for 2023 HKDSE

- SBA cancelled
- Weighting of written exam adjusted.
  - Paper 1 60% → 75%
  - Paper 2 20% → 25%



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



專業 · 公平 · 可靠 Professional · Equitable · Reliable

# 2024 HKDSE

Month / Year	Event
November 2022	SBA annual conference
Sept 2022 – Jun 2023	S5 SBA activities to be conducted by schools
May 2023 – June 2023	Email 'S5 Lists of experiments for 2023 Exam' to DC



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



專業 · 公平 · 可靠 Professional · Equitable · Reliable

# SBA requirements

## Biology

- Practical Skills (Area A) (40%)
  - **Best two marks** obtained in Area A throughout the study
- Report Writing (Area B) (60%)
  - **Best two marks** obtained from different topics in Experimental Design (B1) throughout the study
  - **Best two marks** obtained from different topics in Results and Discussion (B2) throughout the study



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



專業 · 公平 · 可靠 Professional · Equitable · Reliable

## Area B

- Writing up of procedure is **not required**
- Assessment on **Experimental Design (B1)** and **Discussion (B2)**, each with a **10 point scale** of marking
- For each experiment, teachers **may assess B1 only, B2 only, or both B1 and B2**, depending on the nature of the experiment
- Report can be in form of **worksheets** or **paragraph forms**



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



專業 · 公平 · 可靠 Professional · Equitable · Reliable

## Submission requirements in system

- To ensure SBA is conducted throughout the study as a continuous assessment, the system required **at least one assessment in each area (A, B1 and B2)** to be submitted in S5 and S6 respectively.



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



專業 · 公平 · 可靠 Professional · Equitable · Reliable

# SBA requirements for repeater / transfer candidates

- There might be School Repeaters, Transfer Students for S6 submission, i.e. a minimum of one assessment in each area (A, B1 and B2). For details, please see Chapter 2 of the SBA Teachers' Handbook.



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



專業 · 公平 · 可靠 Professional · Equitable · Reliable

# Cross-border students

- Keep attendance record
- Apply for exemption if they cannot fulfill the SBA requirements due to disease prevention measures





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



專業 · 公平 · 可靠 Professional · Equitable · Reliable

# For students with Special Educational Needs (SEN)

- Accommodation
- Applying for exemption (if applicable)



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



專業 · 公平 · 可靠 Professional · Equitable · Reliable

## Accommodation

- Provide necessary **assistance** to the student concerned and perform a **FAIR assessment**
- e.g. assigning a technician / classmate / teacher to tell the student the colour of the reacting mixture
- Provide **alternative task (but same level of difficulty)** and perform a **FAIR assessment** (e.g. making reference to School's SEN policy, soliciting advice from school management / Psychologist / Therapist)



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



專業 · 公平 · 可靠 Professional · Equitable · Reliable

## Exemption

- Formal approval from the HKEAA required
- Application form: <https://www.hkdse.hkeaa.edu.hk>
- Apply at the beginning of school year



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



專業 · 公平 · 可靠 Professional · Equitable · Reliable

## Supporting documents

- School's recommendation for exemption
- Relevant Medical supports, Psychologist's supports, Attendance record (such as record of extended sick leaves)



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



專業 · 公平 · 可靠 Professional · Equitable · Reliable

## Reminders

- Contact the SBA Team of the HKEAA for questions related to logistical arrangements
- Discuss with your District Coordinator for subject-related questions
- Explain to the student the accommodation, or why no accommodation is necessary
- Mark in the student work the kind of accommodation / exemption involved if being selected to be submitted to the HKEAA



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



專業 · 公平 · 可靠 Professional · Equitable · Reliable

## Suggestions for conducting experiments during pandemic

- Observe the safety guidelines from EDB
- May consider some simple and safe experiments which can be done at home, e.g.
  - Growth conditions of plants
  - Alcohol production in anaerobic respiration (by putting grape juice with skin in a sealed container)
- To save time, for experiments involving repeated measurements (e.g. effect pH / temperature / light intensity on X), may consider having one group working one measurement and then pool the data for whole class



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



專業 · 公平 · 可靠 Professional · Equitable · Reliable

## For assessment of Area A

- If necessary, have limited number of groups per session, and run several sessions in the afternoon for Area A
- May conduct individual assessment on the use of microscope for Area A, a limited number of students each time
- May consider assess drawing skills for Area A



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



專業 · 公平 · 可靠 Professional · Equitable · Reliable

## For assessment of Area B

- May consider experiments involving repeated measurements, each group work on one measurement to provide hands-on experience, then pool data for results and discussion
- May consider provision of data for results and discussions, supplemented with videos showing how the experiment was conducted





## Future Initiatives

Workshop dates - registration on 11 Nov 2022 (CSD020220260)	1 December 2022 6 December 2022 12 January 2023 (Registration opens on 11 Nov)
By Feb 2023	Consensus marking meeting between DCs
Feb to May 2023	HKEAA consensus marking meeting
After May 2023	SBA task setting workshops



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



專業 · 公平 · 可靠 Professional · Equitable · Reliable

## Join us!

- Discussing initial ideas about your SBA tasks
- Sharing / submitting SBA tasks for further development / follow up
- Refining initial SBA draft tasks



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



專業 · 公平 · 可靠 Professional · Equitable · Reliable

## Coming Professional Development Programmes

**STEAM Education Enriching Knowledge Series: (1) Food Security and Bio-Energy (New)**

**STEAM教育知識增益系列：**

**(1) 糧食安全與生物能源**

**CSD020220209**

**Speaker: Prof Lam Hon-ming, 林漢明教授**

**School of Life Sciences,**

**The Chinese University of Hong Kong**

**Date: 10 Nov 2022 (Thur)**

**Time: 3:00 p.m. to 4:30 p.m.**





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



專業 · 公平 · 可靠 Professional · Equitable · Reliable

## Coming Professional Development Programmes

- **SS Assessing Student Learning Series: (1) Briefing Session on 2022 HKDSE Biology and Combined Science (Biology Part) Examination (New)**

**CSD020220198**

**14 Nov 2022 (Mon) 2:30 p.m. – 5:30 p.m.**

**18 Nov 2022 (Fri) 2:30 p.m. – 5:30 p.m.**

**Online livestreaming course**





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



專業 · 公平 · 可靠 Professional · Equitable · Reliable

## Your contact information

- ▶ If you would like to receive emails about some professional training courses / student activities related to Biology / STEAM education, please provide your contact information to us.





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



專業 · 公平 · 可靠 Professional · Equitable · Reliable

## Important dates for public exam

Event	Date
Markers Recruitment	23 Nov – 12 Dec, 2022
Exam Day	5 May, 2023 (tentative)
Markers' Meeting	16 May, 2023 (tentative)
OSM Training	18 May, 2023 (tentative)
Marking Period	18 May – 7 June, 2023 (tentative)