

## HKDSE Design and Applied Technology

### BRIEFING SESSION ON 2022 DAT EXAMINATION

Ms Anna Lee  
Manager – Assessment Development Division



## Calendar of Events

Date	Events
November 2022	Samples of 2022 Candidates' Performance <a href="http://www.hkeaa.edu.hk/tc/hkdse/assessment/subject_information/category_a_subjects/hkdse_subj.html?A2&amp;2&amp;10_25">http://www.hkeaa.edu.hk/tc/hkdse/assessment/subject_information/category_a_subjects/hkdse_subj.html?A2&amp;2&amp;10_25</a>
18 Jan–20 Feb 2023	Schools to Submit <b>S6 SBA Marks and Works</b> to the HKEAA Circular on 14/9/2022: <HKDSE - Schedule of Work for School-based Assessment (SBA) in 2022-23> <a href="https://www.hkeaa.edu.hk/DocLibrary/Circulars/HKDSE/2023HKDSE_SBA_Schedule.pdf">https://www.hkeaa.edu.hk/DocLibrary/Circulars/HKDSE/2023HKDSE_SBA_Schedule.pdf</a>
March – May 2023	SBA Assessment – Expert Judgment on SBA Work
March – May 2023	SBA marks analysed and moderated by the HKEAA



## Calendar of Events

Date	Events
<b>9 May 2023</b> Or <b>16 May 2023</b>	2023 DSE DAT Examination  2023 HKDSE Examination Timetable <a href="https://www.hkeaa.edu.hk/tc/hkdse/admin/exam_timetable/">https://www.hkeaa.edu.hk/tc/hkdse/admin/exam_timetable/</a>
19 July 2023 (tentative)	Release of 2023 HKDSE Examination Results
October 2023	Schools to Receive Feedback on SBA



## Day Schools Sat Statistics

	2012	2013	2014	2015	2016	2017	2018	2019			2020			2021			2022		
	Total	Total	Total	Total	Total	Total	Total	C	E	Total	C	E	Total	C	E	Total	C	E	Total
1	822	840	718	728	703	765	560	542	25	567	431	32	463	456	21	477	374	17	391
2A	57	73	33	71	52	70	55	55	3	58	39	2	41	2	-	2	18	0	18
2B	227	294	299	328	259	319	244	227	14	241	181	21	202	115	12	127	111	1	112
2C	605	529	428	397	424	433	336	310	15	325	258	17	275	112	6	118	50	7	57
2D	175	67	10	6	2	1	2	1	-	1	-	1	1	-	-	-	-	-	-
2E	580	717	664	656	569	707	477	491	20	511	374	23	397	222	3	225	194	9	203



## Percentage of candidates

	No. of sat	Chinese version %	5**	5*+	5+	4+	3+	2+	1+	U
2014	681	99.4	0.1	0.3	1.0	5.9	16.0	51.2	80.9	19.1
2015	685	99.0	0.3	0.9	1.6	7.9	21.2	52.6	83.1	16.9
2016	672	94.8	0.1	0.7	1.6	7.4	24.1	56.7	83.9	16.1
2017	705	96.5	0.3	0.9	2.1	8.8	21.8	54.3	79.3	20.7
2018	560	95.2	0.2	0.5	2.1	9.5	22.7	60.7	88.2	11.8
2019	576	95.1	0.4	1.2	2.8	12.4	28.5	68.3	88.6	11.4
2020	475	93.3	0.2	1.1	2.8	11.7	23.8	62.2	87.3	12.7
2021	477	94.1	0.4	1.5	2.9	13.2	26.8	67.1	87.8	12.2
2022	405	95.5	0.5	2.0	3.5	15.3	27.7	66.4	87.9	12.1



## Written Examinations



Special Arrangement for 2023 HKDSE  
2023年香港中學文憑考試 年香港中學文憑考試 特別安排

○ **DAT Paper 1** (~~30%~~ → **40%**)

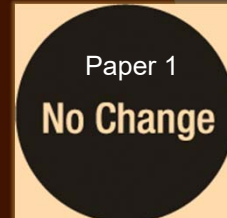
○ Question Paper: **2 hours**

**Section A** Compulsory (60 marks)

- One design question

**Section B** Optional questions (40 marks)

- Three questions will be set and candidates are required to answer two questions



**DAT Papers 2A - 2E**

(Attempt only **ONE** elective in the examination)

○ Question Paper: ~~2 hours~~ → **1 hour 15 minutes**

(~~30%~~ → **40%**)

- Attempt the ~~two~~ **ONE Elective Paper** from Papers 2A - 2E, out of the two that they have registered
- Answer **TWO questions in that paper**

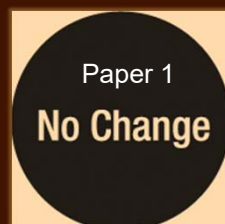


# Examination Arrangement



## Paper 1 (first exam session)

- One Question–Answer Book
  - Write all answers on the QA book
    - No separate Worksheet & Answer book
  - 12-16 pages, A4 size
  - 3-4 sheets of A3 size Drawing Paper



## (2<sup>nd</sup> exam session) answer **ONE** paper from 2A-2D

Question Paper 2A – 2D: One A4 size question booklet with questions on Papers 2A-2D

Answer Book: DSE(G)  
(20 pages, A4 size)  
Alternate single Lines on the Right,  
Blank Pages on the Left.

Worksheet for Paper 2B: A3 size Drawing Paper  
(for answering Q4)



## (2<sup>nd</sup> exam session) answer **ONE** paper from 2A-2D, 2E)

Paper 2A – 2D: One question booklet with questions on Papers 2A-2D

Paper 2E: One Question–Answer Book  
(8 pages, A4 size)  
2 sheets of A3 size Drawing Paper

Answer Book: DSE(G)  
(20 pages, A4 size)  
Alternate Single Lines on the Right,  
Blank Pages on the Left

Worksheet for Paper 2B: A3 size Drawing Paper (for answering Q4)



## Reminders



## Reminders to all Candidates

- Answer **ONE elective** out of the **two registered papers**
- Answer **TWO questions** in the **chosen elective**
- Only 1 hr 15 minutes in elective part
- Put a cross in the appropriate Question Number box on each page of answers if using DSE(G) Answer Book (for Paper 2A-2D)



# Reminders to all Candidates

- PAPER 1 Section A
  - Paper 1 Question 1:  
Candidates' communication skills will be assessed in relevant parts of the question
  - NO marks for copying wordings given in the question



# Reminders to all Candidates

- PAPER 1
  - Q1: Design question
    - based on the order of each requirement stated
    - effective use of communication methods, e.g. sequential drawing, exploded view, enlarged diagram, in most parts
    - design ideas integrated in last part (linking of each part)
- Practice with recent past papers
- Questions will cover the three strands
  - Strand 1 Design and Innovation
  - Strand 2 Technological Principles
    - 「科技本質」、「生產程序」及「系統及控制」
  - Strand 3 Value and Impact





## Reminders to all Candidates

- On the DSE(G) answer book,  
Start each question on a new page  
i.e. not writing answers of more than one  
question on the same page



## Reminders to all Candidates

- 考生可使用計算機、**T字尺**、三角尺、**有刻度的直尺**、捲尺、量角器、**圓規**、曲線板、弧線尺、圓及橢圓模板、畫板及木顏色筆。
  - **不建議使用麥克筆和簽名筆。**
- 
- Candidates may use calculators, T-squares, set-squares, graduated rulers, flexible rulers, protractors, compasses, French curves, flexi curves, circle and ellipse templates, drawing boards, and coloured pencils.
  - **Marker pens and sign pens are not advised.**



## Special Arrangement for 2023 SBA

## 2023年 校本評核 特別安排

- Only submit the first half (Sections 1-4), SBA total: 20%
  - ✓ Identifying and investigating design opportunities (4%)
  - ✓ Developing a design brief and specifications (2%)
  - ✓ Generating design ideas (4%)
  - ✓ Developing design ideas into a final solution (10%)
- SBA Teachers' Handbook 2023  
[https://www.hkeaa.edu.hk/tc/sba/sub\\_info\\_sba/dse\\_subject.html?10&2](https://www.hkeaa.edu.hk/tc/sba/sub_info_sba/dse_subject.html?10&2)
- The updated criteria will be implemented in the 2021 HKDSE cohort
- Details have been uploaded onto HKEAA website
- Project list:  
[http://www.hkeaa.edu.hk/tc/sba/sub\\_info\\_sba/dse\\_subject.html?10&9](http://www.hkeaa.edu.hk/tc/sba/sub_info_sba/dse_subject.html?10&9)



範疇	評核準則	分數	比重
識別、探究和概述設計機會，以滿足需要和慾望	1. 識別和探究設計機會	10	4%
	2. 發展設計概要和規格	5	2%
設計和製作合適的原型	3. 產生設計意念	10	4%
	4. 將設計意念發展成最後設計方案 (a) 設計意念發展的質量 (b) 最後設計方案的質量	15 10	10%
取消 CANCELLED			
	總分數(佔全科百分率)：	100 (40%) 50 (20%)	



## SBA in 2023

- ◉ Fairness of school-based assessment should be upheld
- ◉ Repetition of past SBA projects creates problems on fairness in assessment, such as aspects of creativity, originality, etc.
- ◉ Reliability of the assessment lowered
- ◉ Repetition of past project titles should be prohibited
- ◉ Declaration of no repetition of projects titles is necessary in 2023



## Useful Materials

- ◉ Curriculum and Assessment Guide
- ◉ Glossary (詞彙)
- ◉ Learning and Teaching Resources (學與教資源)

<http://www.edb.gov.hk/tc/curriculum-development/kla/technology-edu/resources/tech-subjects/resources.html>



# Support & Resources

- <http://www.hkeaa.edu.hk>
- [HOME](#) > [HKDSE](#) > [Assessment Information](#) > [Subject Information](#) > [Category A: New Senior Secondary Subjects](#)

Senior Secondary Subjects	
Category A - HKDSE Elective Subjects: Design and Applied Technology	
▶	<a href="#">Assessment Framework</a>
▶	<a href="#">Curriculum and Assessment Guide</a>
▶	<a href="#">Samples of Candidates' Performance</a>
▶	<a href="#">Practice Papers</a>
▶	<a href="#">Sample Papers</a>
▶	<a href="#">Level Descriptors</a>
▶	<a href="#">Other Resources</a>
▶	<a href="#">Frequently Asked Questions</a>



# Support & Resources

- **Information on SBA for DAT:**  
[http://www.hkeaa.edu.hk/en/sba/sub\\_info\\_sba/dse\\_subject.html?10](http://www.hkeaa.edu.hk/en/sba/sub_info_sba/dse_subject.html?10)
- **HKDSE Question Papers booklet**  
(Available for sale in early November 2022)
- **2022 Samples of Candidates' Performance**  
(HKEAA website, available in November 2022)
- **Circulars to schools**  
<http://www.hkeaa.edu.hk/en/hkdse/admin/circulars/circulars.html>



## Support & Resources (EDB)

- 新學制課程及評估指引  
<http://334.edb.hkedcity.net/new/tc/curriculum.php>
- 新學制檢討專頁  
<http://334.edb.hkedcity.net/new/tc/index.php>
- 學與教資源
  - <http://minisite.proj.hkedcity.net/edbosp-te/cht/home.html>
  - <http://www.edb.gov.hk/tc/curriculum-development/kla/technology-edu/resources/index.html>



## Marking of exam scripts

- On-Screen Marking for 2023 DAT at Assessment Centres
- Teachers are encouraged to apply serving as markers.
- Apply in Nov and Dec normally
- Markers' meeting held around second week after exam date
- Remarking: around late July of 2023  
(Markers should reserve two days for the remarking)



# Enquiry

Hotline: Logistics and general DAT information  
3628 8860 (and press 1, 7, 1)  
3628 8070 (Assessment related)

Email: [dse@hkeaa.edu.hk](mailto:dse@hkeaa.edu.hk)

## Q & A

