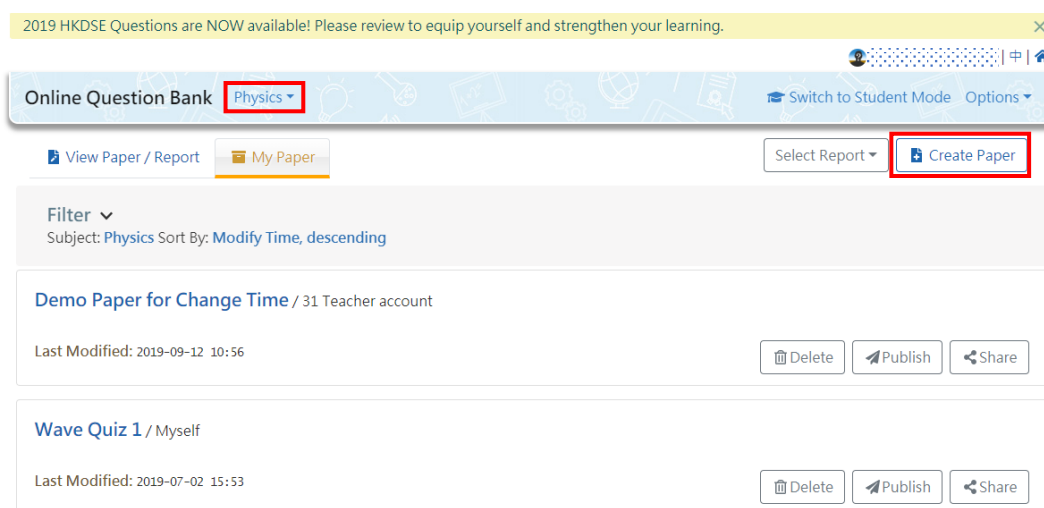


五分鐘製作能照顧學習差異的評估（教學建議）

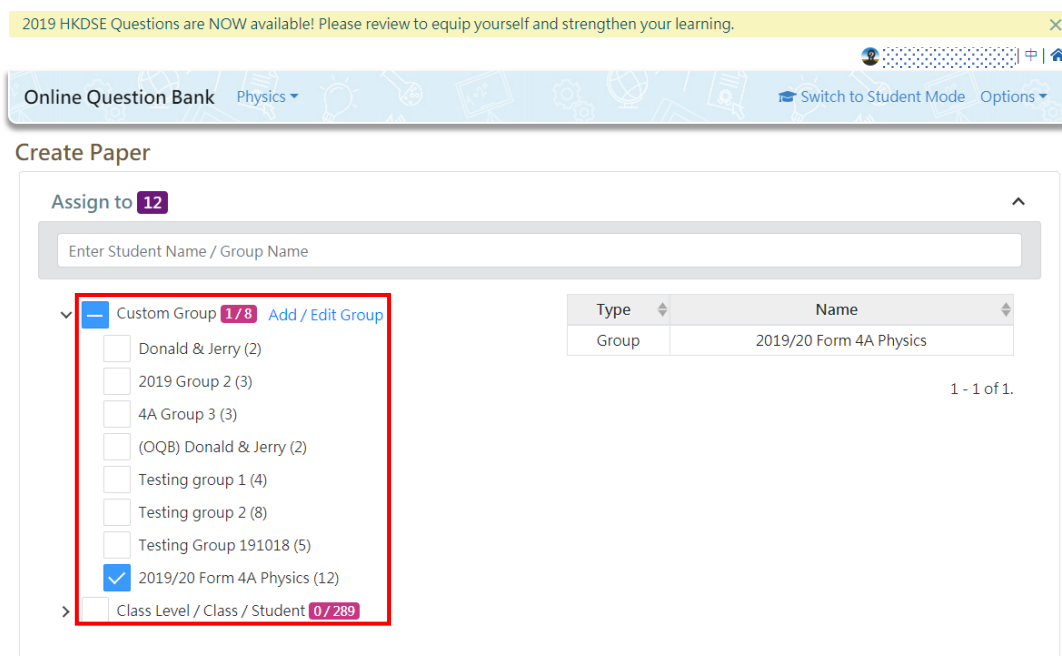
要為不同能力的學生製作分層課業往往要花很多時間。但原來教師們於上課前只需用五分鐘，於「網上試題學習平台」便可以簡單的四個步驟製作一份評估於課堂上使用。透過電子平台的即時回饋，教師可根據學生的學習表現對教學策略作出調節，從而提升學與教的效能。

步驟 1：選擇科目及派發對象（~ 1 分鐘）



The screenshot shows the 'Online Question Bank' interface for the subject 'Physics'. The 'Create Paper' button is highlighted with a red box. The interface includes a search filter for 'Subject: Physics Sort By: Modify Time, descending' and a list of papers, including 'Demo Paper for Change Time' and 'Wave Quiz 1'.

- 首先選擇評估的科目並按「新增評估」



The screenshot shows the 'Create Paper' interface. The 'Assign to' section is highlighted with a red box, showing a list of groups. The '2019/20 Form 4A Physics (12)' group is selected. The interface includes a search bar for 'Enter Student Name / Group Name' and a table of groups.

Type	Name
Group	2019/20 Form 4A Physics

- 進入以上版面後可選擇派發評估給已新增的科目小組，或按級別/班級/學生選擇派發。教師可針對不同學習能力的學生設立不同的小組，於派發評估時便可照顧不同學習能力的學生。
- 預設的科目小組可按學生的考試年份命名，只需設定一次，往後所製作的評估也可派發給特定小組。

步驟 2：選擇評估內容 (~ 2 分鐘)

2019 HKDSE Questions are NOW available! Please review to equip yourself and strengthen your learning.

Online Question Bank Physics

Switch to Student Mode Options

Create Paper

Assign to 12

Physics

Show subtopics (Only available for qn after 2018)

- All Topics (830) 1/9
 - Heat & Gases (60)
 - Force and Motion (169)
 - Wave Motion (146)
 - Electricity and Magnetism (154)
 - Radioactivity and Nuclear Energy (46)
 - Astronomy and Space Science (64)
 - Atomic World (64)
 - Energy and Use of Energy (63)
 - Medical Physics (64)

- 首先選擇評估的課題，於個別課題旁邊括弧內的數字為可選擇的題目數量。

2019 HKDSE Questions are NOW available! Please review to equip yourself and strengthen your learning.

Online Question Bank Physics

Switch to Student Mode Options

Create Paper

Assign to 12

Physics

Show subtopics (Only available for qn after 2018)

- > All Topics (830) 1/9
- All Authors 1/1
 - HKEAA

- 若想以公開試題目作為評估內容，作者部分應選擇「考評局」。

2019 HKDSE Questions are NOW available! Please review to equip yourself and strengthen your learning.

Online Question Bank Physics

Switch to Student Mode Options

Create Paper

Assign to 12

Physics

Show subtopics (Only available for qn after 2018)

- > All Topics (649) 1/9
- > All Authors 1/1
- All Level 2/3
 - Easy
 - Normal
 - Hard

- 針對不同學習能力的學生可選擇容易或普通程度的題目，為不同學生度身訂造不同的評估，讓學生較易獲得成功感。
- 針對能力較高的學生，教師可選擇困難程度的題目，作為一種挑戰。

Create Paper

Assign to **12**

Physics

Show subtopics (Only available for qn after 2018)

- > All Topics (649) **1/9**
- > All Authors **1/1**
- > All Level **2/3**

Language

- English Chinese
- Bilingual

➤ 選擇評估語言時緊記別選雙語，日後重覆用這評估時可隨時轉換題目語言。

Create Paper

Assign to **12**

Physics

Show subtopics (Only available for qn after 2018)

- > All Topics (649) **1/9**
- > All Authors **1/1**
- > All Level **2/3**

Language

More

- Exclude Published Questions
- NSS Non-NSS
- > All Years **5/15**
 - 2019
 - 2018
 - 2017
 - 2016
 - 2015
 - 2014
 - 2013
 - 2012

➤ 教師可按課程大綱及試題年份選擇題目，更能針對不同學生的學習需要。

2019 HKDSE Questions are NOW available! Please review to equip yourself and strengthen your learning. ×

Online Question Bank Physics ▾ Switch to Student Mode Options ▾

Create Paper

Assign to **12** ▾

Physics ▴

Show subtopics (Only available for qn after 2018)

- > All Topics (649) **1/9**
- > All Authors **1/1**
- > All Level **2/3**
- > Language
- > More

No. of Qn 10 ▾ Create Paper Back

- 教師可因應不同需要選擇評估的題目數量，但數量不可多於所選課題旁邊括弧內的數字總和。

2019 HKDSE Questions are NOW available! Please review to equip yourself and strengthen your learning. ×

Online Question Bank Physics ▾ Switch to Student Mode Options ▾

Create Paper

Assign to **12** ▾

Physics ▴

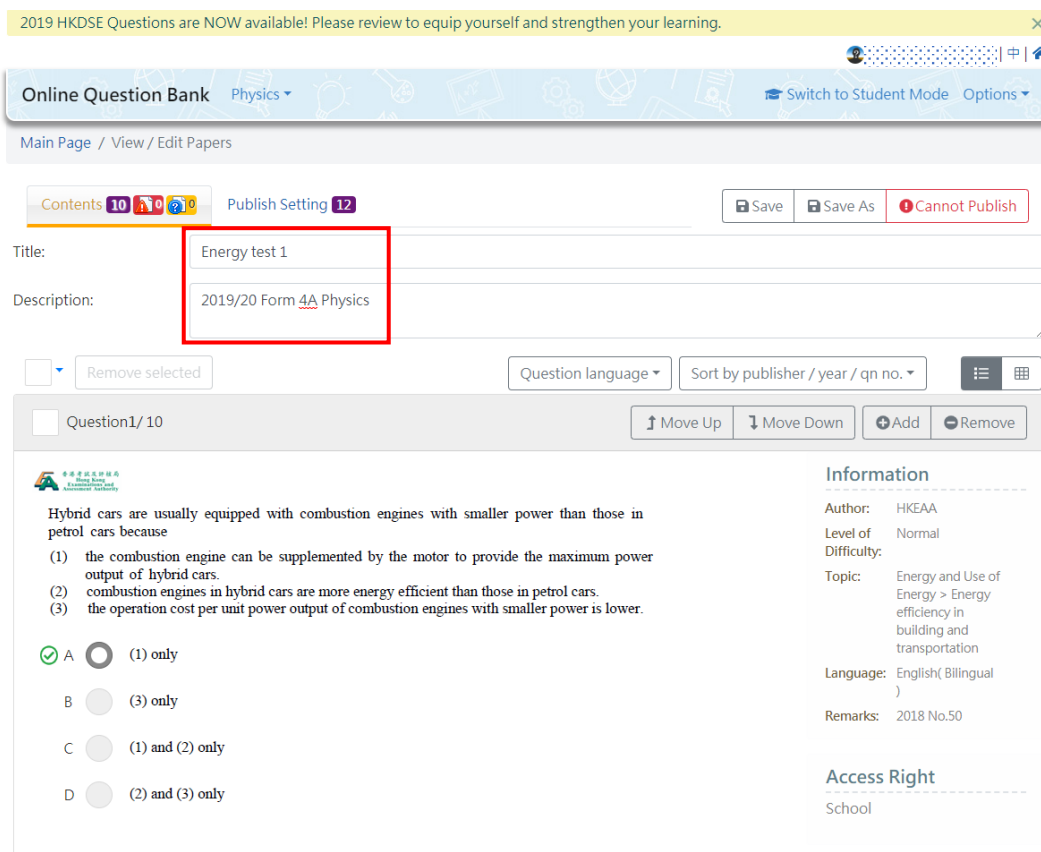
Show subtopics (Only available for qn after 2018)

- > All Topics (649) **1/9**
- > All Authors **1/1**
- > All Level **2/3**
- > Language
- > More

No. of Qn 10 ▾ Create Paper Back

- 按「開始製作」可進入下一個步驟

步驟 3：完成派發設定 (~ 1 分鐘)



2019 HKDSE Questions are NOW available! Please review to equip yourself and strengthen your learning.

Online Question Bank Physics

Main Page / View / Edit Papers

Contents 10 Publish Setting 12

Save Save As Cannot Publish

Title: Energy test 1

Description: 2019/20 Form 4A Physics

Remove selected Question language Sort by publisher / year / qn no.

Question 1/ 10 Move Up Move Down Add Remove

Hybrid cars are usually equipped with combustion engines with smaller power than those in petrol cars because

(1) the combustion engine can be supplemented by the motor to provide the maximum power output of hybrid cars.

(2) combustion engines in hybrid cars are more energy efficient than those in petrol cars.

(3) the operation cost per unit power output of combustion engines with smaller power is lower.

A (1) only

B (3) only

C (1) and (2) only

D (2) and (3) only

Information

Author: HKEAA

Level of Difficulty: Normal

Topic: Energy and Use of Energy > Energy efficiency in building and transportation

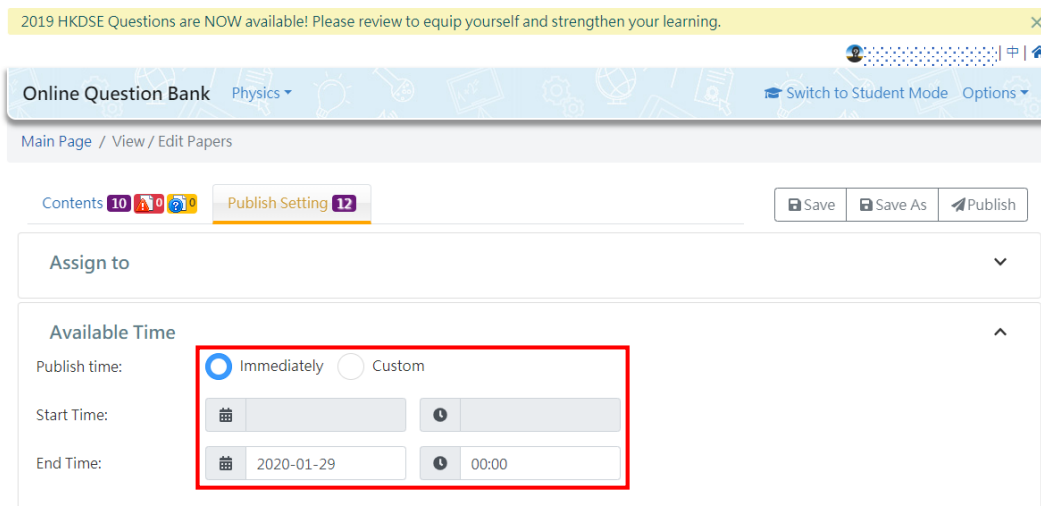
Language: English (Bilingual)

Remarks: 2018 No.50

Access Right

School

- 於內容頁面為評估輸入一個容易分辨的標題，亦可於簡介部分作出更仔細的描述。



2019 HKDSE Questions are NOW available! Please review to equip yourself and strengthen your learning.

Online Question Bank Physics

Main Page / View / Edit Papers

Contents 10 Publish Setting 12

Save Save As Publish

Assign to

Available Time

Publish time: Immediately Custom

Start Time: 00:00

End Time: 2020-01-29 00:00

- 於派發設定頁面選擇開放時間，平台會預設為即時派發，選擇結束日期後，時間會預設為晚上零時零分，教師可因應不同需要作出調節。

2019 HKDSE Questions are NOW available! Please review to equip yourself and strengthen your learning.

Online Question Bank Physics

Main Page / View / Edit Papers

Contents 10 Publish Setting 12

Save Save As Publish

Assign to

Available Time

Answer Setting

Time Allowed (Minutes): Unlimited Suggestion: 27 Minutes

Mandatory: Yes No

Random: Question Order Choice Order

- 平台於作答設定部分會提供建議作答時間，教師可自行調節，甚至設定為無限制。
- 教師亦可選擇學生是否必須作答所有題目，為防止學生互相抄襲答案，試題與答案次序更可隨機。

2019 HKDSE Questions are NOW available! Please review to equip yourself and strengthen your learning.

Online Question Bank Physics

Main Page / View / Edit Papers

Contents 10 Publish Setting 12

Save Save As Publish

Assign to

Available Time

Answer Setting

Paper Setting

Type: Test Exercise

Student Can View Report: After Paper End After Paper Submit

評估性質	評估模式	檢閱報告選項
預習	練習	結束時間後
堂上小測	測驗	遞交後
課後測驗	測驗	結束時間後
知識鞏固	練習	遞交後

- 教師於評估設定部分可因應不同用途(例如：預習、堂上小測、知識鞏固等)選擇評估模式為測驗或練習，亦可限制學生於遞交後或評估結束時間後才可檢閱報告，詳情可參考上表。
- 完成所有派發設定後按「分派」進入最後步驟

步驟 4：檢查評估摘要及設定並分派評估 (~ 1 分鐘)

2019 HKDSE Questions are NOW available! Please review to equip yourself and strengthen your learning.

Online Question Bank Physics

Main Page / Publish paper

Paper Summary		Settings	
Selected	2019/20 Form 4A Physics	Title	Energy test 1
Group		Description	2019/20 Form 4A Physics
Subject	Physics	Type	Test
Author	Yip Chi Hong, Jerry	Student Can View Report	After Paper Submit
No. of Questions	10	Publish time	Immediately
Time Allowed	27 Minutes	End Time	2020-01-29 00:00
Mandatory	Yes		
Question Order	Random		
Choice Order	Random		

- 檢查評估摘要及設定內的所有項目，若有問題可按「返回」作出修訂，若沒有問題可按「分派評估」完成派發

總結：

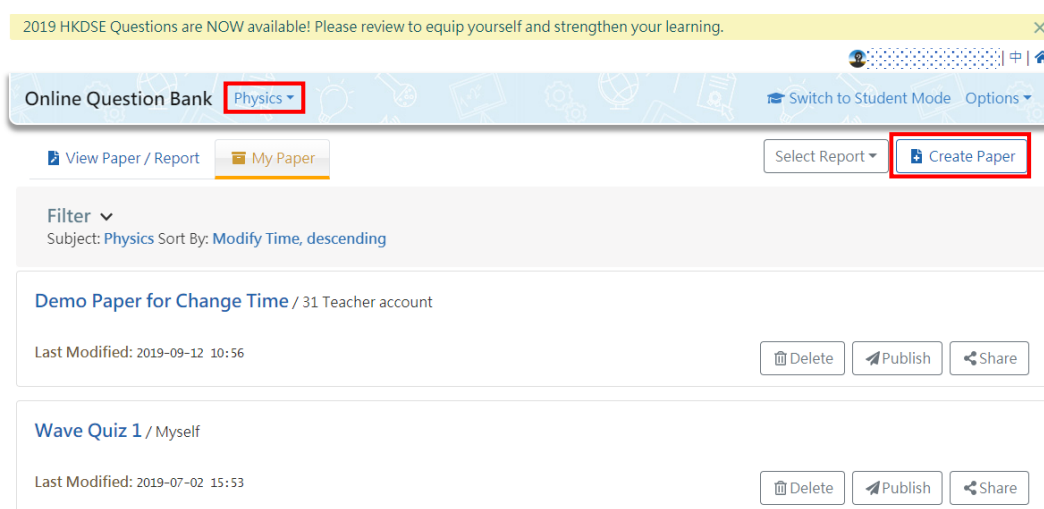
OQB 平台提供十個中學文憑試科目的題目，包括數學；物理；生物；化學；經濟；地理；資訊及通訊科技；企業、會計與財務概論；旅遊與款待及體育。針對以上科目，無論是前測、堂上小測、課後測驗或其他評估活動，教師們只需用五分鐘，便能為學生製作一份度身訂造的評估。

若想了解更多評估製作的流程，請點擊 [製作及派發評估流程](#)。

Create tiered assessments for learning diversity in 5 minutes (Teaching idea)

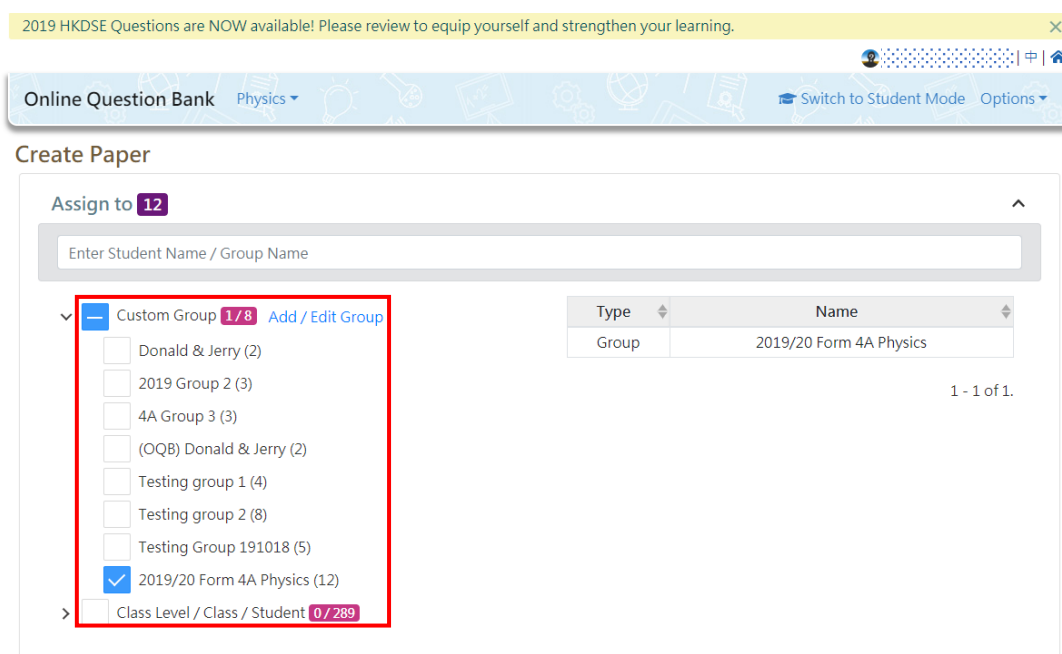
It is usually time consuming to prepare tiered assignment for students with learning diversity. Being an e-platform for 'assessment for learning', Online Question Bank (OQB) enables teachers create a paper for use in classroom with 4 simple steps in just five minutes before class. Through instant feedback from the OQB platform, teachers can adjust their teaching strategies according to students' learning performances to enhance learning and teaching effectiveness.

Step 1: Select subject and assignees (~ 1 min)



The screenshot shows the Online Question Bank interface. At the top, there is a notification bar: "2019 HKDSE Questions are NOW available! Please review to equip yourself and strengthen your learning." Below this, the main header includes "Online Question Bank" with a "Physics" dropdown menu, and "Switch to Student Mode" and "Options" links. The navigation bar contains "View Paper / Report", "My Paper", "Select Report", and a highlighted "Create Paper" button. A filter section shows "Subject: Physics" and "Sort By: Modify Time, descending". Two paper entries are listed: "Demo Paper for Change Time / 31 Teacher account" (Last Modified: 2019-09-12 10:56) and "Wave Quiz 1 / Myself" (Last Modified: 2019-07-02 15:53). Each entry has "Delete", "Publish", and "Share" buttons.

- Select the subject of the paper firstly and click 'Create Paper'.



The screenshot shows the "Create Paper" interface. The "Assign to" section is set to "12" and has a search bar "Enter Student Name / Group Name". A list of groups is shown with checkboxes: "Custom Group 1/8" (checked), "Donald & Jerry (2)", "2019 Group 2 (3)", "4A Group 3 (3)", "(OQB) Donald & Jerry (2)", "Testing group 1 (4)", "Testing group 2 (8)", "Testing Group 191018 (5)", and "2019/20 Form 4A Physics (12)" (checked). A "Class Level / Class / Student 0/289" option is also visible. To the right, a table shows the selected group: "2019/20 Form 4A Physics" with "Type: Group" and "Name: 2019/20 Form 4A Physics". The page number "1 - 1 of 1." is displayed at the bottom right.

- Select added subject group as the assignees when entering the above page, or assign to class level / class / student. Teachers can add different groups with respect to students with different learning abilities, which can take care of students with learner diversity when publishing papers.
- You may name the added subject group according to students' exam year. Once you have added a particular group, you can assign any paper to that group afterwards.

Step 2: Select the content of the paper (~ 2 min)

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Online Question Bank Physics Switch to Student Mode Options

Create Paper

Assign to 12 ▼

Physics ▲

Show subtopics (Only available for qn after 2018)

All Topics (830) 1/9

- Heat & Gases (60)
- Force and Motion (169)
- Wave Motion (146)
- Electricity and Magnetism (154)
- Radioactivity and Nuclear Energy (46)
- Astronomy and Space Science (64)
- Atomic World (64)
- Energy and Use of Energy (63)
- Medical Physics (64)

- Select the topic of the paper firstly. The number in brackets next to the individual topics is the number of available questions.

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Online Question Bank Physics Switch to Student Mode Options

Create Paper

Assign to 12 ▼

Physics ▲

Show subtopics (Only available for qn after 2018)

> All Topics (830) 1/9

All Authors 1/1

- HKEAA

- Select 'HKEAA' as the author if the public exam questions are expected to be used

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Online Question Bank Physics Switch to Student Mode Options

Create Paper

Assign to 12 ▼

Physics ▲

Show subtopics (Only available for qn after 2018)

> All Topics (649) 1/9

> All Authors 1/1

All Level 2/3

- Easy
- Normal
- Hard

- Teachers can publish tailor-made papers to different students with different learning abilities by choosing the easy or normal questions.
- Teachers can choose hard questions for more capable students as challenges.

Create Paper

Assign to **12**

Physics

Show subtopics (Only available for qn after 2018)

- > All Topics (649) **1/9**
- > All Authors **1/1**
- > All Level **2/3**

Language

English Chinese

Bilingual

- Remember to tick the 'Bilingual' box when selecting the language of the paper. The language of the paper can be changed at any time when the paper is reused later.

Create Paper

Assign to **12**

Physics

Show subtopics (Only available for qn after 2018)

- > All Topics (649) **1/9**
- > All Authors **1/1**
- > All Level **2/3**

Language

More

Exclude Published Questions

NSS Non-NSS

- > All Years **5/15**
 - 2019
 - 2018
 - 2017
 - 2016
 - 2015
 - 2014
 - 2013
 - 2012

- Teachers can select questions according to the syllabus and the exam year, which can better meet the learning needs of different students.

2019 HKDSE Questions are NOW available! Please review to equip yourself and strengthen your learning. ×

Online Question Bank Physics ▾ Switch to Student Mode Options ▾

Create Paper

Assign to **12** ▾

Physics ▴

Show subtopics (Only available for qn after 2018)

- > All Topics (649) **1/9**
- > All Authors **1/1**
- > All Level **2/3**
- > Language
- > More

No. of Qn 10 ▾ Create Paper Back

- Teachers can choose the number of questions of the papers according to different needs, but the number cannot exceed the sum of the available questions of the selected topics.

2019 HKDSE Questions are NOW available! Please review to equip yourself and strengthen your learning. ×

Online Question Bank Physics ▾ Switch to Student Mode Options ▾

Create Paper

Assign to **12** ▾

Physics ▴

Show subtopics (Only available for qn after 2018)

- > All Topics (649) **1/9**
- > All Authors **1/1**
- > All Level **2/3**
- > Language
- > More

No. of Qn 10 ▾ Create Paper Back

- Click 'Create Paper' to enter the next step

Step 3: Finish the publish setting (~ 1 min)

2019 HKDSE Questions are NOW available! Please review to equip yourself and strengthen your learning.

Online Question Bank Physics

Main Page / View / Edit Papers

Contents 10 Publish Setting 12 Save Save As Cannot Publish

Title: Energy test 1

Description: 2019/20 Form 4A Physics

Remove selected Question language Sort by publisher / year / qn no.

Question1/ 10 Move Up Move Down Add Remove

Hybrid cars are usually equipped with combustion engines with smaller power than those in petrol cars because

(1) the combustion engine can be supplemented by the motor to provide the maximum power output of hybrid cars.

(2) combustion engines in hybrid cars are more energy efficient than those in petrol cars.

(3) the operation cost per unit power output of combustion engines with smaller power is lower.

A (1) only

B (3) only

C (1) and (2) only

D (2) and (3) only

Information

Author: HKEAA

Level of: Normal

Difficulty:

Topic: Energy and Use of Energy > Energy efficiency in building and transportation

Language: English (Bilingual)

Remarks: 2018 No.50

Access Right

School

- Enter an easily distinguished title for the paper on the content page, or enter more details in the description section

2019 HKDSE Questions are NOW available! Please review to equip yourself and strengthen your learning.

Online Question Bank Physics

Main Page / View / Edit Papers

Contents 10 Publish Setting 12 Save Save As Publish

Assign to

Available Time

Publish time: Immediately Custom

Start Time:

End Time: 2020-01-29 00:00

- Select the available time on the publish setting page, the default publish time is immediate. After selecting the end date, the default end time is set to be 00:00. Teachers can adjust the available time according to different needs.

2019 HKDSE Questions are NOW available! Please review to equip yourself and strengthen your learning.

Online Question Bank Physics

Main Page / View / Edit Papers

Contents 10 Publish Setting 12

Save Save As Publish

Assign to

Available Time

Answer Setting

Time Allowed (Minutes): Unlimited Suggestion: 27 Minutes

Mandatory: Yes No

Random: Question Order Choice Order

- Suggested time allowed is provided by the platform in the answer setting. Teachers can adjust the time allowed and even set it as unlimited.
- Teachers can also select whether students must answer all the questions. In order to prevent students from plagiarizing, the order of the questions and answers can be randomized.

2019 HKDSE Questions are NOW available! Please review to equip yourself and strengthen your learning.

Online Question Bank Physics

Main Page / View / Edit Papers

Contents 10 Publish Setting 12

Save Save As Publish

Assign to

Available Time

Answer Setting

Paper Setting

Type: Test Exercise

Student Can View Report: After Paper End After Paper Submit

Paper	Type	View report choice
Pre-test	Exercise	After Paper End
In-class quizzes	Test	After Paper Submit
After-school quizzes	Test	After Paper End
Knowledge consolidation	Exercise	After Paper Submit

- Teachers can select the paper type as a test or an exercise for different purposes (e.g. pre-test, in-class quizzes, knowledge consolidation, etc.) in the paper setting. Students can also be restricted from reviewing the report after submission or after the paper end time. For more details, please refer to the above table.
- Finish all the publish setting and click 'Publish' to enter the final step.

Step 4: Check the paper summary and settings and publish the paper (~ 1 min)

2019 HKDSE Questions are NOW available! Please review to equip yourself and strengthen your learning. ×

Online Question Bank **Physics** Switch to Student Mode Options

Main Page / Publish paper

Paper Summary		Settings	
Selected Group	2019/20 Form 4A Physics	Title	Energy test 1
Subject	Physics	Description	2019/20 Form 4A Physics
Author	Yip Chi Hong, Jerry	Type	Test
No. of Questions	10	Student Can View Report	After Paper Submit
Time Allowed	27 Minutes	Publish time	Immediately
Mandatory	Yes	End Time	2020-01-29 00:00
Question Order	Random		
Choice Order	Random		

- Check all the items in paper summary and settings. Click 'Back' to edit if there is any problem. Click 'Publish' to publish if there is no problem.

Summary:

The OQB platform provides questions of ten HKDSE subjects, including Mathematics; Physics; Biology; Chemistry; Economics; Geography; Information and Communication Technology; Business, Accounting and Financial Studies; Tourism and Hospitality Studies and Physical Education. For the above subjects, whether it is pre-tests, in-class quizzes, after-school quizzes, or other assessment activities, teachers can create tailor-made assessments for students in just 5 minutes.

For more details on the flow of creating papers, please click [Flow of creating papers](#).