

從中三開始使用網上試題學習平台（教學建議）

網上試題學習平台（OQB）提供歷屆公開試試題，除中四至中六班級可使用外，已為全校訂購服務之學校的教師亦可嘗試向中三學生派發評估，讓他們早一些認識公開試題目，對預備修讀高中課程，甚或選科都有幫助。

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、旅遊與款待、體育、企業、會計與財務概論。數學、物理等部分科目的某些題目已於初中課堂教授，因此教師於新增評估時可篩選合適的題目，製作成一份適合中三學生作答的評估。

揀選初中課程已有的課題

2019年香港中學文憑試試題現已上載！請查閱以裝備自己，強化相關學習領域。

教師戶口 30 | English | 家

網上試題學習平台 數學

切換至學生模式 選項

新增評估

選擇對象 45

輸入姓名或群組名稱

> 自訂群組 0/3 管理群組

> 級別 / 班級 / 學生 45 / 1350

類型	名稱
班級	S3B

1 - 1 項 · 共 1 項 ·

數學

所有課題 (539) 4 / 14

- 百分法, 率及比, 變數法, 估算 (78)
- 多項式, 餘式定理 (45)
- 指數定律 (24)
- 數列 (20)
- 一元方程, 二元聯立方程 (40)
- 公式, 函數及圖像 (52)
- 不等式 (19)
- 指數函數及對數函數 (5)
- 常見平面及立體圖形的求積, 弧長及扇形面積, 相似平面圖形及立體圖形 (41)
- 演繹推理幾何, 角和直線, 三角形, 畢氏定理, 四邊形及多邊形, 圓形, 平面圖形之變換及對稱性, 立體圖形 (64)
- 坐標簡介, 直線之坐標幾何, 圓之坐標幾何 (33)
- 角之量度, 三角比, 簡單三角方程, 三角比之應用 (62)
- 或然率 (14)
- 數據之組織及其表示法, 集中趨勢之量度, 離差之量度, 統計的應用及誤用 (42)

- 以數學科為例，初中學生學習了百分數、指數定律、一次方程、不等式等，教師於製作評估時可揀選這些課題，讓電腦隨機派發這些課題的題目。

只揀選程度為容易的題目

2019年香港中學文憑試試題現已上載！請查閱以裝備自己，強化相關學習領域。

教師戶口 30 | English | 網上試題學習平台 物理

新增評估

選擇對象 45

輸入姓名或群組名稱

自訂群組 0/3 管理群組

級別 / 班級 / 學生 45 / 1350

類型	名稱
班級	S3B

1 - 1 項 · 共 1 項

物理

顯示子課題 (只適用於 2018 年後的試題)

所有課題 (220) 2/9

所有作者 1/1

所有程度 1/3

容易

普通

困難

語言

更多選擇

試題數目 30

開始製作 返回

- 對於中三的學生，程度為容易的題目也會有一定挑戰性，因此建議教師只揀選程度為容易的題目。
- 為了方便篩選適合中三學生的題目，電腦派發的題目數量可先預設為評估總題量的三倍，例如一份 10 題的評估，可先讓電腦隨機派發 30 條題目。

篩選適合中三學生的題目

試題4/30

試題資料

作者： 老師

程度： 容易

課題： 指數定律

語言： 中文 (粵語)

備註： 2015 No.2

使用權限： 全校

$\frac{3^x \cdot 3^y}{3^z} = 3^2$

A $4y^3$

B $4y^3$

C $27y^{3z}$

D $27y^{3z}$

試題3/30

試題資料

作者： 老師

程度： 容易

課題： 熱和風能

語言： 中文 (粵語)

備註： 2007 No.34

使用權限： 全校

以下有關蒸發的敘述中，哪者是正確的？

(1) 需要汽化潛熱來進行。

(2) 當溫度越高時，蒸發速率也越大。

(3) 蒸發以後，留下來的液體分子的平均動能會增加。

A 只有 (1) 和 (2)

B 只有 (1) 和 (3)

C 只有 (2) 和 (3)

D (1)、(2) 和 (3)

試題11/30

試題資料

作者： 老師

程度： 容易

課題： 不等式

語言： 中文 (粵語)

備註： 2015 No.6

使用權限： 全校

$18+7x > 4$ 及 $5-2x < 3$ 的解為

A $x > -2$

B $x > -1$

C $x > 1$

D $-2 < x < 1$

試題6/30

試題資料

作者： 老師

程度： 容易

課題： 運動

語言： 中文 (粵語)

備註： 2005 No.12

使用權限： 全校

上圖顯示一物體關於連續附近及所成的像。下列各項敘述，哪者是正確的？

(1) 像高度物高的一半。

(2) 該像與物同邊。

(3) 該連續的距離是 20 cm。

A 只有 (1) 和 (2)

B 只有 (1) 和 (3)

C 只有 (2) 和 (3)

D (1)、(2) 和 (3)

試題15/30

若 $m + 2n + 6 = 2m - n = 7$ ，則 $n =$

A -4

B -1

C 3

D 11

試題資料
 作者： 考評局
 程度： 初級
 課題： 一元方程、二元聯立方程
 語言： 中文（粵語）
 備註： 2012 No.5
 使用權限
 全校

試題17/30

把一物體放在一凹透鏡前面，以下哪項有關該透鏡所成的像的描述是**不正確**的？

A 它必定是虛像。

B 它必定是縮小的。

C 它必定位於物體和透鏡之間。

D 若把物體放在透鏡的焦點處，會在無窮遠處成像。

試題資料
 作者： 考評局
 程度： 初級
 課題： 波動
 語言： 中文（粵語）
 備註： 2011 No.16
 使用權限
 全校

試題16/30

A 1

B 2

C 2²

D 2³

試題資料
 作者： 考評局
 程度： 初級
 課題： 指數定律
 語言： 中文（粵語）
 備註： 2018 No.1
 使用權限
 全校

試題21/30

如右圖所示，置於離凸透鏡 20 cm 處的顯形物體，在距離透鏡 16 cm 的屏幕上形成清晰的像，該凸透鏡的焦距是

A 小於 8 cm

B 在 8 cm 與 10 cm 之間。

C 在 10 cm 與 16 cm 之間。

D 在 16 cm 與 20 cm 之間。

試題資料
 作者： 考評局
 程度： 初級
 課題： 波動
 語言： 中文（粵語）
 備註： 2006 No.13
 使用權限
 全校

試題29/30

存款 \$2 000，年利率 5%，年期 4 年，複利計算，每半年一結，求利息準確至最接近的元。

A \$400

B \$431

C \$437

D \$440

試題資料
 作者： 考評局
 程度： 初級
 課題： 百分比、單及比率、乘法、估算
 語言： 中文（粵語）
 備註： 2017 No.10
 使用權限
 全校

試題30/30

將某種物質 X 以恆速加熱，並記錄一段時間內它的溫度變化，將數據作圖如下。

以下有關該物質的哪項敘述是**不正確**的？

A 在 0°C，X 是處於液態。

B X 的沸點是 80°C。

C 在固態時 X 的比熱容量較它在氣態時的小。

D X 的熔解比潛熱較其汽化比潛熱為大。

試題資料
 作者： 考評局
 程度： 初級
 課題： 熱和溫度
 語言： 中文（粵語）
 備註： 2006 No.11
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Online Question Bank Mathematics

Teacher account 30

Main Page / View / Edit Papers

Contents 10 19 38 Publish Setting 45

Save Save As Publish

Title: Form 3B Maths Test 1

Description: Percentage, Laws of Indices, Linear equation, Inequalities

Question language: Sort by publisher / year / qn no.

1 2 3 4 5 6 7 8 9 10

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- 教師於電腦隨機派發的 30 條題目中挑選最適合中三學生作答的 10 題。
- 篩選時可利用預覽模式，方便移除不合適的題目。

實行建議

- 為了讓中三學生更早接觸公開試的題目，教師可於聖誕節、復活節等一些學校長假期向中三學生派發預先製作的評估，作為假期功課。
- 如欲了解更多詳情，請觀看[學校分享](#)短片。

Starting to Use Online Question Bank from Form 3 (Teaching Idea)

Online Question Bank (OQB) provides past public examination papers online. Besides using the platform in Form 4 to Form 6 classes, for those schools which have subscribed to school-based service, teachers can try to assign papers to Form 3 students so that students can learn public exam questions earlier. It is helpful for DSE curriculum preparation as well as their subject selection.

The OQB platform boasts questions of ten HKDSE subjects, including Mathematics, Physics, Biology, Chemistry, Economics, Geography, Information and Communication Technology, Tourism and Hospitality Studies, Physical Education, and Business, Accounting and Financial Studies. Since some topics of some subjects, e.g. Mathematics or Physics are taught in Key Stage 3, teachers can select the appropriate questions when creating papers so as to tailor assessments for Form 3 students.

Select the topics which are already taught in Key Stage 3

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Online Question Bank Mathematics Switch to Student Mode Options

Create Paper

Assign to **45**

Enter Student Name / Group Name

> Custom Group **0 / 3** [Add / Edit Group](#)

Type	Name
Class	S3B

> Class Level / Class / Student **45 / 1350** 1 - 1 of 1.

Mathematics

✓ All Topics (2847) **4 / 14**

- Percentages, Rate and ratio, Variations, Estimation (254)
- Polynomials, Remainder theorem (157)
- Laws of Indices (101)
- Sequences (171)
- Equations in one unknown, Simultaneous equations in two unknowns (368)
- Formulas, Functions and graphs (205)
- Inequalities (136)
- Exponential functions, Logarithmic functions (126)
- Mensuration of common plane figures and solids, Length of an arc and area of a sector of a circle, Similar plane figures and solids (131)
- Deductive reasoning of geometry, Angles and straight lines, Triangles, Pythagoras' theorem, Quadrilaterals and polygons, Circles, Transl
- Introduction to coordinates, Coordinate geometry of straight lines, Coordinate geometry of circles (268)
- Measures of angles, Trigonometric ratios, Simple trigonometric equations, Applications of trigonometric ratios (318)
- Probability (134)
- Organization and representation of numerical data, Measures of central tendency, Measures of dispersion, Uses and abuses of statistics

- Taking Mathematics as an example, students have already learnt Percentage, Laws of Indices, Linear equations, Inequalities, etc. in Key Stage 3. Teachers can pick these topics when creating papers while the platform will randomly generate the questions of these topics.

Select Easy questions only

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Online Question Bank Physics Switch to Student Mode Options

Create Paper

Assign to **45**

Enter Student Name / Group Name

Custom Group **0/3** [Add / Edit Group](#)

Type	Name
Class	S3B

Class Level / Class / Student **45 / 1350**
1 - 1 of 1.

Physics

Show subtopics (Only available for qn after 2018)

All Topics (220) **2/9**
 All Authors **1/1**
 All Level **1/3**

- Easy
- Normal
- Hard

Language
 More

No. of Qn 30
Create Paper
Back

- Easy questions are also challenging for Form 3 students, so teachers are advised to select easy questions only.
- For the convenience of question selection for Form 3 students, the number of questions generated by computer can be set three times of the total number of questions of the paper. For example, it is advised to generate 30 questions by the computer for a paper with 10 questions.

Screening the questions for Form 3 students

Question 4 / 30

$(3y^2)^3 = \frac{27y^6}{3y^2}$

A $4y^3$
 B $4y^8$
 C $27y^{12}$
 D $27y^6$

Information
 Author: HKDSE
 Level of Difficulty: Easy
 Topic: Laws of Indices
 Language: English/Bilingual
 Remarks: 2015 No.2
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 School

Question 3 / 30

Which of the following statements about evaporation are correct?

A (1) and (2) only
 B (1) and (3) only
 C (2) and (3) only
 D (1), (2) and (3)

Information
 Author: HKDSE
 Level of Difficulty: Easy
 Topic: Heat & Gases
 Language: English/Bilingual
 Remarks: 2007 No.34
 Access Right
 School

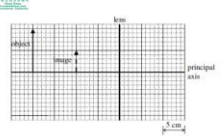
Question 11 / 30

The solution of $18 + 7x > 4$ or $5 - 2x < 3$ is

A $x > -2$
 B $x > -1$
 C $x > 1$
 D $-2 < x < 1$

Information
 Author: HKDSE
 Level of Difficulty: Easy
 Topic: Inequalities
 Language: English/Bilingual
 Remarks: 2015 No.6
 Access Right
 School

Question 8 / 30



An object is placed near a lens and an image is formed as shown. Which of the following statements are correct?

A (1) and (2) only
 B (1) and (3) only
 C (2) and (3) only
 D (1), (2) and (3)

Information
 Author: HKDSE
 Level of Difficulty: Easy
 Topic: Wave Motion
 Language: English/Bilingual
 Remarks: 2005 No.12
 Access Right
 School

Question15/30

Print Move Up Move Down Add Remove

Information

Author: HKAEA
Level of Difficulty: Easy
Topic: Equations in one unknown, Simultaneous equations in two unknowns
Language: English/Bilingual
Remarks: 2012 No.5

Access Right
School

If $m + 2n + 6 = 2m - n = 7$, then $n =$

A -4
B -1
C 3
D 11

Question16/30

Print Move Up Move Down Add Remove

Information

Author: HKAEA
Level of Difficulty: Easy
Topic: Laws of Indices
Language: English/Bilingual
Remarks: 2018 No.1

Access Right
School

$g^{3m} \times g^{2n} = g^{12}$

A 1
B 2
C 2^2
D 2^4

Question29/30

Print Move Up Move Down Add Remove

Information

Author: HKAEA
Level of Difficulty: Easy
Topic: Percentages, Rate and ratio, Variations, Estimation
Language: English/Bilingual
Remarks: 2017 No.10

Access Right
School

A sum of \$2 000 is deposited at an interest rate of 5% per annum for 4 years, compounded half-yearly. Find the interest correct to the nearest dollar.

A \$400
B \$431
C \$437
D \$440

Question17/30

Print Move Up Move Down Add Remove

Information

Author: HKAEA
Level of Difficulty: Easy
Topic: Wave Motion
Language: English/Bilingual
Remarks: 2011 No.16

Access Right
School

An object is placed in front of a concave lens. Which of the following descriptions about the image formed by the lens is incorrect?

A It is always virtual.
B It is always diminished.
C It is always between the object and the lens.
D It will be formed at infinity if the object is placed at the focus of the lens.

Question21/30

Print Move Up Move Down Add Remove

Information

Author: HKAEA
Level of Difficulty: Easy
Topic: Wave Motion
Language: English/Bilingual
Remarks: 2006 No.13

Access Right
School

As shown above, an illuminated object is placed at a distance 20 cm in front of a concave lens and a sharp image is formed on a screen at a distance of 16 cm from the lens. The focal length of the concave lens is

A less than 8 cm.
B between 8 cm and 10 cm.
C between 10 cm and 16 cm.
D between 16 cm and 20 cm.

Question30/30

Print Move Up Move Down Add Remove

Information

Author: HKAEA
Level of Difficulty: Easy
Topic: Heat & Gases
Language: English/Bilingual
Remarks: 2006 No.11

Access Right
School

A substance X is heated at a constant rate and its changing temperature over a time period is recorded. The data are plotted below.

Which of the following statements about the substance X is incorrect?

A X is in liquid state at 0°C.
B The boiling point of X is 80°C.
C The specific heat capacity of X in the solid state is smaller than that of X in the gas state.
D The specific latent heat of fusion of X is larger than the specific latent heat of vaporization of X.

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Title: Form 3B Maths Test 1

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Thumbnail Mode

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5 6 7 8
9 10

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- Teachers select the most suitable 10 questions for Form 3 students from the 30 questions generated by the computer.
- Select questions with the thumbnail mode for removing unsuitable questions easily.

Implementation suggestions

- In order to let Form 3 students learn public exam questions earlier, teachers can assign papers to Form 3 students in long school holidays, e.g. Christmas, Easter as holiday homework.
- For more details, please watch the clip of [school sharing](#).