

# Questionbank



Welcome to the IB Questionbank. To get started we recommend to read these instructions or click on one of the questions below. If you can't find the information you are looking for please contact IB answers (<https://ibanswers.ibo.org/>).

**How to activate licences for the online *Questionbank***

**How to set up teacher logins**

**How to get started with the *Questionbank* as a teacher**

**How to create and organize a test**

**How to add IB questions to a test**

**How to add your own questions to a test**

**Customizing, downloading and printing tests**

## How to activate licences for the online *Questionbank*

### Your recent licence purchase

Thank you for purchasing a licence for Questionbank Online.

### Instructions

If you purchased the licence on behalf of somebody else, please forward this email to the person who will manage the Questionbank Online for that school. This could be the coordinator, a teacher, or another school staff member.

If you are responsible for setting up teacher logins, please follow these steps:

1. Visit [Questionbank Online](#)
2. Sign in with your existing account, or create a new account.
3. Activate each of the licences you purchased.
4. For each licence: add teacher accounts. Questionbank Online will notify each teacher with instructions and sign in information.

### Licence keys

Below are the license keys you have purchased. Please copy only the license key, which begins with IB-QB, and not the name of the Questionbank.

Once your purchase is successfully completed, you will receive an automated email (shown above) with instructions and the licence key you purchased.

If you bulk purchased licences for multiple schools, please forward the instructions and licenses to the person who will manage the Questionbank for each school. This could be the Diploma Programme coordinator, a teacher or another school staff member.

To activate the licence for your school, follow the link in the email to the page where you can activate your *Questionbank* licence.

If you don't have an account with the online *Questionbank* yet, create a new account by entering your name, email and a password into the form on the right side of the page.

If you already have an account, you can sign in using the form on the left.

Once signed in, select the "Activate licence" button on the home page. On the next screen, enter the licence key from the email. Select "Activate licence".

## How to set up teacher logins

After you have activated the licence, you will be shown the licence details. To set up teacher logins, select the “Manage logins” button at the top right of the screen.


**Licence** Manage logins

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<b>Questionbank</b>	Geography
<b>Status</b>	Active, expires in 12 months
<b>Licence key</b>	IB-QB-XXXXXXXXXXXX
<b>School name</b>	Test school 2
<b>Logins</b>	No logins have been assigned to this licence yet. Click on “Manage logins” at the top right to add logins.

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On the next screen, you can add teacher logins for your school. You can also remove teacher logins on the same form by choosing the “Remove” box next to the teacher’s name. Each licence provides you with a maximum of 10 logins per school. All users on a licence must be affiliated with the same school. If you are purchasing for multiple schools, you **must** purchase multiple licences.

Select “Update licence” to save your changes.

Once you set up a new teacher login, the app will send an automated email to the teacher with instructions on how to get started.

## How to get started with the Questionbank as a teacher

### Activation email

In order to use the online *Questionbank*, activate your account.

Once your coordinator sets up a login for you, you will receive an automated email (shown below) with instructions for signing into the online *Questionbank* for the first time.

#### You have been given access to Questionbank Online

Thank you for using Questionbank Online. This email will help you get started.

##### Instructions

1. Visit [Questionbank Online](#)
2. Sign in with the following credentials:  
Email: [\[redacted\]@\[redacted\].com](#)  
Password: [\[redacted\]](#)
3. Please change your password after you signed in.
4. Start using the “Geography” questionbank.

Just follow the link and sign in with the email and password provided.

The app will ask you to accept the IB *Online terms of service*, and you can review your personal information. Select “Update” to proceed.

Now you can start using the online *Questionbank*.

### Changing user account information

In order to change basic account information such as your full name, email address, password and time zone click on your name which appears in the top right corner.

Full name

Email

Password

Leave blank unless you want to change it

Time zone  
 (GMT-05:00) Eastern Time (US & Canada)

Terms and conditions  
 I accept the IB Online terms and conditions

or

In the screen that appears you will be able to edit and change your user information.

## User interface overview

The image above shows the main screen of the *Questionbank*. In the blue bar across the top of the screen:

- the “Home” link takes you to the *Questionbank* start page, where you can activate licences or sign in.
- the next link takes you to the *Questionbank* you just purchased. If you have a license for one *Questionbank*, the name of that *Questionbank* will be displayed here. If you have licences for multiple *Questionbanks*, they will all be listed here.
- select the “Help” link to access video walkthroughs for the online *Questionbanks*.
- when you select your name, you can edit your personal information, such as your email and password.
- please use the “Sign out” link when you are done working with the online *Questionbank*.

Below the title of the *Questionbank*, there are four tabs, labelled: “Questions”, “Your tests”, “Syllabus” and “Instructions”. Click on the “Questions” tab.

## Find a question

The search options and filters allow you to sort through past examination questions and find relevant questions to add to your test.

There are a variety of search filters available including:

- year
- month
- paper
- level
- time zone
- question type
- exam date
- marks available
- command term.

It is also possible to filter by questions authored by the IB or questions that you have created.

When you search by the command term the filter will return questions that include that command term as well as questions that are similar in nature.

To filter by syllabus section, use the “Filter by syllabus section” link below the filters. To expand the syllabus sections, click the “+” sign to the left of each topic. To collapse the sections, click the “-” sign. Select the check box(es) next to the syllabus section(s) and click the blue “Update questions” button. To show all syllabus sections, click the “Expand” button. To hide the syllabus sections, click the “Collapse” button.

You can also search the Questionbank by typing a search term into the search box and hitting enter or clicking the blue "Update questions" button. You will see a search spinner while the Questionbank is loading the search results and the search term will be highlighted in the results.

To view the full question, markscheme, examiners report, and related material such as graphs and images, click on the question. A pop up window allows you to view the full question contents.

Questions display with all parts grouped together and when a question is added to a test it will include all question parts.

- Consider  $f(x) = x^2 \sin x$ .
- a. Find  $f'(x)$ . [4]
- b. Find the gradient of the curve of  $f$  at  $x = \frac{\pi}{2}$ . [3]
- 13M.1.sl.TZ1.3 IB SL only Find [Maximum mark: 7]
- 
- Let  $f(x) = \sqrt{x-5}$ , for  $x \geq 5$ .
- a. Find  $f^{-1}(2)$ . [3]
- b. Let  $g$  be a function such that  $g^{-1}$  exists for all real numbers. Given that  $g(30) = 3$ , find  $(f \circ g^{-1})(3)$ . [3]
- 13M.1.sl.TZ1.5 IB SL only Find [Maximum mark: 6]

**Note:** In order to go back to your search results after selecting a question, use the “Back to questions in [Questionbank]” link at the top left of the page. For best results, **do not** use the back navigation button in your browser.

# How to create and organize a test

## Creating a test

Select the “Your tests” tab.

DP Mathematics SL Questionbank

Questionbank DP MATHEMATICS SL

Questions Your tests Syllabus Instructions

Search  Sort by Most recently updated Reset filters Supplemental materials New test

Name	Description	Number of questions	Last updated
Testing Math SL	Let's see if this works!	15	5 days
Example test	This is an example test for illustration purposes. You can delete this test.	1	10 months
New test - January 23, 2014		3	10 months
New test - November 06, 2013		3	1 year

In the top right corner is a green button labelled “New test”. Click it to create a new test.

Enter a title in the “Name” field and, if desired, a description of the test in the text box. Then click the blue “Create test” button at the bottom of the page.

## Adding content to a test

Once you create a new test, you can add content by clicking the green buttons at the top left of the screen.

« Back to tests in DP Mathematics SL

Example test [1 mark]

This is an example test for illustration purposes. You can delete this test.

**Add content**

**Actions**  
[Edit test name and description](#)  
[Re-order contents](#)  
[Delete test](#)  
[Create mark entry sheet](#)  
[Download as PDF](#)  
[Download as DOCX](#)  
[Print](#)  
[Supplemental materials](#)

**View options**  
 Resource  
 Question  
 Space for student answers  
 Markscheme  
 Examiners report  
 Text  
 Teacher note

To add a question from a past examination, click the first green button labelled “IB question”. This will take you to the “Questions” tab, where you can filter and search for questions. It is also possible to edit an “IB question”. Click on the question that you would like to edit, then click the green edit button in the left corner.

**Note:** In the Mathematics Questionbank you are able to change formulas in order to substitute different numbers into equations. It is important to maintain the formula and not delete any parenthesis () or \ otherwise the formula will not display correctly.

To add a new question, click the second green button, labelled “Your own question”. Then, follow the instructions in the “Creating a question” section above.

To add text such as instructions to students, section labels or any other desired text, click the third green button, labelled “Text”. Enter text into the text field. When you have finished entering the text, click the blue “Update block” button at the bottom of the screen.

To add a note for your reference, click the final green button, labelled “Teacher note”. Enter text into the text field, and click the blue “Update block” button at the bottom of the screen.

## How to add your own questions to a test

Click on the “Questions” tab. In the top right corner, there is a green box labelled “New question”. Click this box.

The screenshot shows the 'New question' form in the Mathematics Questionbank. At the top left, there is a link: « Back to questions in DP Mathematics SL. To the right is the 'Questionbank DP MATHEMATICS SL' logo. The form itself has three input fields at the top: 'Command term' with a dropdown menu showing 'Please select at least one command term', 'Marks available' with a text box, and 'Space for student answers' with a dropdown menu showing 'Select Some Options'. Below these are two larger text areas: 'Question' and 'Markscheme'. At the bottom of the form, there are two buttons: a blue 'Create' button and a grey 'Cancel' button.

Add command terms from the drop-down menu that appears when you click inside the text box under “Command terms”. Add marks available for this question in the next box to the right. Note: These are optional fields.

Type the new question into the first text field labelled “Question”. Type the markscheme into the text field below this, labelled “Markscheme”. You can add images, create tables, format text and more, to both the question and markscheme, using the buttons at the top of the text box.

**Note:** In the Mathematics Questionbank it is possible to add a formula to a question. In order to add an in-line formula, which adds a formula on the same line as text, use this format:  $\text{formula}$ . In order to add a display formula, which inserts a formula centered on a separate line use this format:

formula

To save this question and markscheme, click the blue box at the bottom of the screen labelled “Create question”.

**Note:** In order to find questions that you have created or IB questions that you have modified, use the “Author” filter on the “Questions” tab. Any question that you have created or modified will display under the “You” filter, **not** the “IB” filter.

## How to add IB questions to a test

Questions can also be added to a test directly from the “Questions” tab.

Questions Your tests Syllabus Instructions New question

Search  Sort by Exam date (newest first) Author IB Command term Any Marks available Any

Year 2011 Month May Paper Any Level Any Time zone Any Question type Any

Filter by syllabus section

Search syllabus x Expand Collapse Display selected items

- Prior learning topics
- Topic 1 - Algebra
- Topic 2 - Functions and equations
- Topic 3 - Circular functions and trigonometry
- Topic 4 - Vectors
  - 4.1
  - 4.2
  - 4.3
  - 4.4
- Topic 5 - Statistics and probability
- Topic 6 - Calculus

Update questions or Reset filters 12 questions match the filter settings

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Add selected questions to the test Testing Math SL


Update was successful!  
Successfully added all 4 selected questions to the test.

First, select the questions you would like to add by ticking the checkbox(es) on the left of the question(s). You can select multiple checkboxes or click the checkbox at the top of the question list next to "Reference code" to select all questions displaying in the filter list. You can use the filters and search features to select criteria and then select all questions matching this criteria to a test using this checkbox.

To add the questions to a test locate the bar beneath the "Filter by syllabus section" area and above the question list. In this bar there is a drop down menu of existing tests as well as the option to select "[New test]" and create a new test directly from this field. Select the test you would like to add the selected question to then click the "Add selected questions" button to the left of the test drop down list. When the questions are successfully added this bar will flash yellow and green text will appear stating that the update was successful and listing the number of questions added to a test.


## Adding student space to a test

You can add space for student's responses and work after each question in a test. To do select a test, enter the test and then click on the pencil icon which appears on the right side of each question.

1. This is an example question for the example test. You can delete this question. [1 mark] 

**Markscheme**  
[N/A]

**Examiners report**  
[N/A]


Edit

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Add content IB Question Your own question Text Teacher note

Once you have clicked on the pencil icon you will be taken to the question editor screen. Above the question text there is a bar labeled "Space for student answers". Click in this bar and you will see a drop down menu with several different options for student responses.

## Edit question

Command term

Calculate ✕

Marks available

1

Space for student answers

3 lines  
6 lines  
14 lines  
blank space 2cm  
blank space 7cm  
blank space 12cm

Question

File Edit Insert View Format Table Tools

← → Formats **B** *I* [List icons]

This is an example question for the example test. You can delete this question.

You can choose from three different sized lines for student work or three different sized blank spaces for student work. You can select multiple options. Once you select the type(s) of student response space you would like click the blue "Update" button below the markscheme space to save your selections.

## Organizing a test

In order to change the order in which questions appear in a test go to the "Your tests" tab. Click on the test that you would like to reorder. In the column labelled "Actions" at the top of the screen click "Re-order contents".

[« Back to tests in DP Mathematics SL](#)

## Example test [1 mark]



This is an example test for illustration purposes. You can delete this test.

### Add content

IB Question

Your own question

Text

Teacher note

### Actions

[Edit test name and description](#)

[Re-order contents](#)

[Delete test](#)

[Create mark entry sheet](#)

[Download as PDF](#)

[Download as DOCX](#)

[Print](#)

[Supplemental materials](#)



### View options

- Resource
- Question
- Space for student answers
- Markscheme
- Examiners report
- Text
- Teacher note

In the re-order content screen you can drag and drop questions, text, teacher notes and other content into the desired order. Once you are finished re-ordering the test click "<< I am done re-ordering" which appears at both the top and bottom of the screen.





## Re-order contents (Example test)

1. This is an example question for the example test. You can delete this question.



## Viewing tests

To view tests that you have created, click the “Your tests” tab. A list of the tests you created will appear. You can search your tests using either the search field or the filters to the right of the search box.

To add questions to a given test, click on the link to the right of the test within the list displayed on the screen. You will be redirected to the “Questions” tab, where you can search and select questions to add to your tests.

To create a mark entry sheet, click the blue link on the far right of the test. This will create a downloadable mark entry sheet, which can be saved and printed.

## Customizing, downloading and printing tests

### Example test [1 mark]

This is an example test for illustration purposes. You can delete this test.

#### Add content

IB Question

Your own question

Text

Teacher note

#### Actions

Edit test name and description

Re-order contents

Delete test

Create mark entry sheet

Download as PDF

Download as DOCX

Print

Supplemental materials

#### View options

Resource

Question

Space for student answers

Markscheme

Examiners report

Text

Teacher note

Click on the “Your tests” tab. Select a test. Three columns will appear under the test name. The first is labelled “Add content”. Instructions for this section can be found in the instructions section “Adding content to a test”.

The second column is labelled “Actions”. Here you can edit the test name and description; reorder the questions, text, and teacher notes; create a mark entry sheet; download a PDF of the test; or download a DOCX test which can be opened in a word processor (such as Microsoft Word) and edited; and print the test.

The third column is labelled “View options”. Here you can select features to view or hide in a test. If you would like to view only questions and resources, you can select those features and unselect all other features. Only the features selected in “View options” can be downloaded and printed.

