



QST User Manual

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2. Students

3. Question Bank Admin

4. Mobile/Phone/Lock down browsers.

Info.

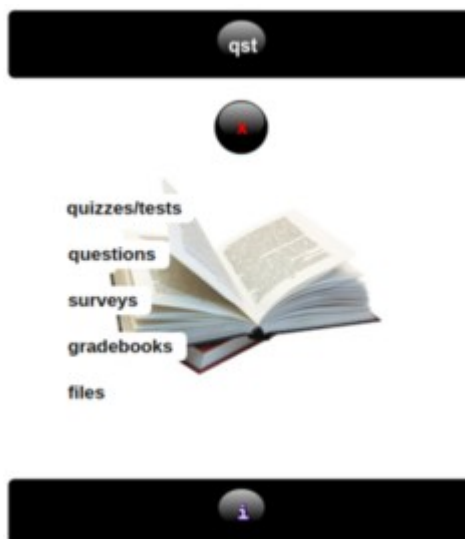
- After 4 unsuccessful logins, a user is locked out for 3 minutes.
- Mobile is only available to students.

1. Instructors

To the right is the home screen for Instructors.

Here you manage your questions, quizzes, surveys, tests, images and pdf's.

GradeBook provides the ability to view your users results, create a marking rubric and enter Assignment marks.



Your Administrator will be in control of creating your students and classes and assigning your students to the appropriate classes.

a. Creating Questions

Click on Questions, then click on My Questions and either select *Create Folder* to place your questions in (recommended - so your questions are grouped and easier to find/use later) or select *Create Question*, which will cause a new window to open with the Question Builder screen available.

Create a Question

Value Description





Advanced Equation Basic

B I U X^2 X_2 Arial 16 A [List Icons] [Table Icon] [Image Icon] [Video Icon] </>

Multiple Choice Multiple Answer MatchXng T/F Y/N Short Answer Paragraph

Preview Save Save + Cancel

Columns Advanced Equation **Basic**

- ☐ 
- ☐ 
- ☐ 
- ☐ 

The Advanced Editor is a powerful WYSIWYG tool which allows the user to create a more diverse range of questions (edit source code also). Script and iframe tags are not allowed for users security.

The Equation Editor is for creating Math Equations. If you are familiar with MathML or LaTeX, just enter the code. Also supports mhchem for MathJax. Otherwise use QST EQ.

Create a Question

Question Folder - *Default*

Value

Description

Advanced **Equation** *Basic*

Use **QST EQ** or enter MathML tags or wrap TeX in $...$ or $...$ delimiters (or (...) and [...]), and AsciiMath in `...` delimiters. The text you enter is HTML, you can include tags, but then you have to be careful how you use <, &, and other HTML special characters - surrounding them by spaces should be sufficient.

When $a \neq 0$, there are two solutions to $ax^2 + bx + c = 0$ and they are $x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$.

Preview Equation

Multiple Choice Multiple Answer MatchXng T/F Y/N Short Answer Paragraph

Preview

Save

Save +

Cancel

QST EQ is an advanced WYSIWYG editor used to create math and chemical equations and formulas. Logic, symbols, arrows, greek and function symbols are also available.

Math

Logic

Symbol

GK/Func

Arrow

Format

×

÷

±

∓

·

★

\sqrt{ab}
 $\sqrt[n]{ab}$
 $\log_a b$
 $\lg ab$

a^b
 a_b
 c_a^b
 \widetilde{ab}

\widehat{ab}
 \overleftarrow{ab}
 \overrightarrow{ab}
 $\frown ab$

\underbrace{ab}
 \underline{ab}
 \overline{ab}

$\frac{ab}{cd}$
 $\frac{\partial a}{\partial b}$
 $\frac{dx}{dy}$
 $\lim_{a \rightarrow b}$

\int_a^b
 \oint_a^b
 \prod_a^b
 \coprod_a^b

\bigcap_a^b
 \bigcup_a^b
 \bigvee_a^b
 \bigwedge_a^b

\bigsqcup_a^b
 \sum_a^b
 $\binom{a}{b}$

$\begin{bmatrix} a & b \\ c & d \end{bmatrix}$
 $\begin{cases} a & x = 0 \\ b & x > 0 \end{cases}$

↶

↷

✂

📄

📁

🖨

A

✖

$\frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$

LaTeX/TeX Mode

Right click yellow highlight below for MathML

Save and Close

Cancel

$$\frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

The Basic Editor is excellent for displaying code samples and producing simple questions quickly. Using the Basic Editor ensures no iframes or malicious scripts can be embedded in the question or answers. Also, a pdf can be made available for your users to read.


****** If you are using DropBox links, change the ?dl=0 at the end to ?raw=1 for Video and Audio links.

Create a Question Question Folder - Default

Value Description

Advanced *Equation* **Basic**

Enter your question here.
And/or Insert Image or PDF or Video/Audio Link.
Then select an answer type.


PDF

Video Link Audio Link

Multiple Choice Multiple Answer MatchXng T/F Y/N Short Answer Paragraph

Preview Save Save + Cancel

Click *Advanced* or *Equation* or *Basic* to change editor.

Enter a value for the question.

A Description must be entered for each question as this is what is displayed when browsing for questions.

Default answer selections are available which will provide you with templates to begin with.

Enter up to 15 answers.

Multiple Choice and Multiple Answer answers have Advanced, Equation and Basic editors.

Paragraph answers have an Advanced and Basic editor.

Create your equation/formula with QST EQ, then paste into an answer selection surrounded by \$\$.

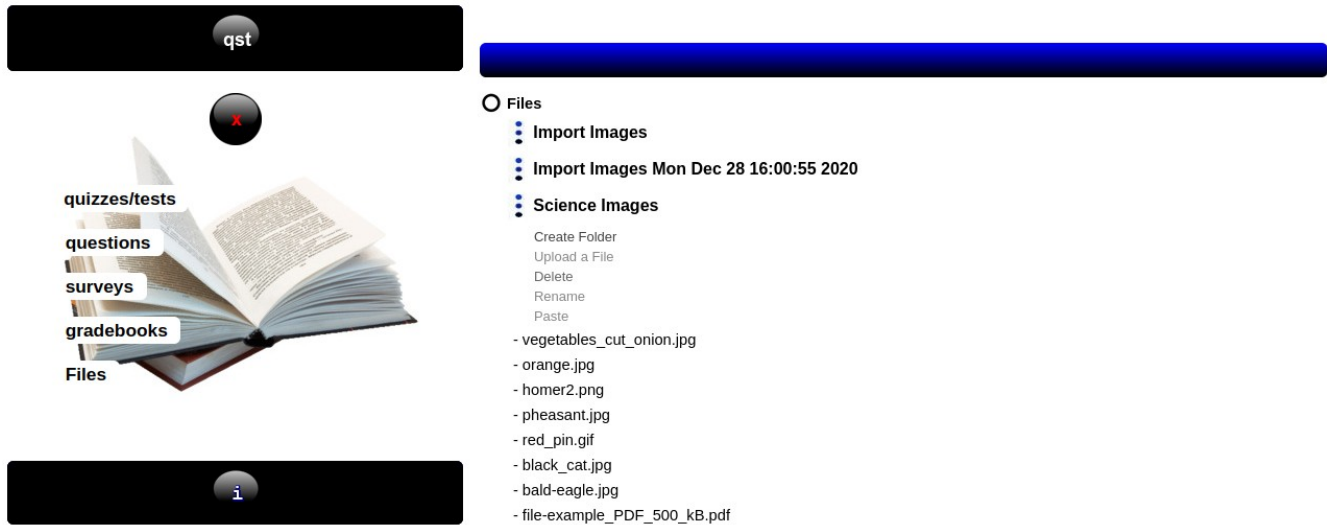
****** Always Preview your question before saving it to see how it will appear to a student. This duplicates the display window in the QST.

Create more questions - It is much simpler to group and create your questions in advance of creating a QST. This is especially wise in the case of branching questions, where the complexity increases very quickly.

b. Images, PDF's


Upload your images and pdf's that you wish to use in your questions or answers by clicking on **files** in the left screen.

Max width for images in questions should be 450 pixels.



You must provide a Description for the file to meet WCAG standards.

* If not using this just enter any text.

Your images will be available to add to your questions in the **Advanced** editor by clicking on the picture icon  in the toolbar.

Insert Image

QST Files

Image URL

Description for Image URL

To conform to WCAG 2.0 guidelines, all files must have a description for screen readers.
500 characters max.

Insert Image

Click on QST Files to select a file you have uploaded.
If you enter an Image URL also enter a Description.
* If not using this just enter any text.

In the **Basic** editor click on
or **PDF**.



View/Select File — Mozilla Firefox

localhost/qst/one

☒ View/Select Files

☐ My QST Files

Import Images QST Mon Mar 28 18:12:16 2022

☐ atom.gif

Click on to view contents under it.

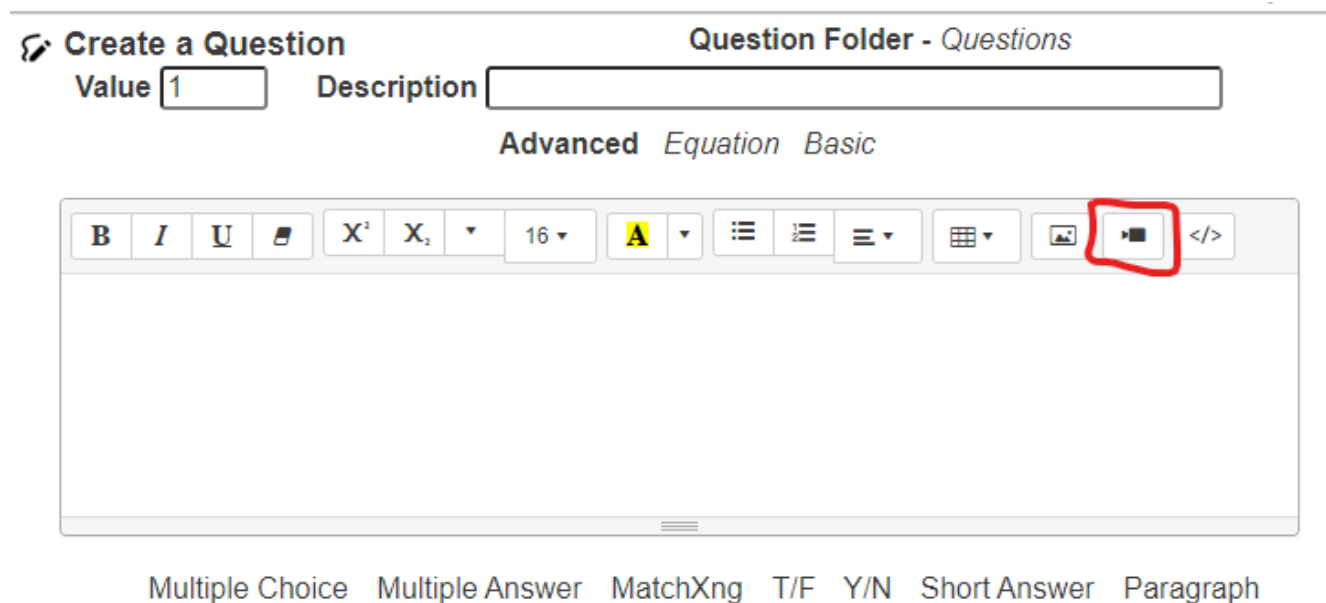
Click on the checkbox in front of image to automatically insert it.

c. Inserting Videos

Go to the youtube video you want and copy the **url** in the toolbar:

The screenshot shows a web browser window with two tabs. The first tab, titled 'How to use QST to easily create...', displays a YouTube video player. The address bar shows the URL 'youtube.com/watch?v=p49G9guc3YM', which is circled in red. The video player shows a video titled 'How to use QST to easily create online quizzes/survey and tests' with 20 views, dated Mar 4, 2021. The video player interface includes a progress bar at 0:05 / 3:11 and standard playback controls. The second tab, titled 'QST Quiz/Survey/Test', shows a local application running at 'localhost/index.htm'. The application has a dark theme with a 'qst' logo. On the left, there is a sidebar with a book icon and a list of items: 'quizzes/tests', 'questions', 'surveys', 'gradebooks', and 'files'. On the right, there is a main content area with a blue header bar and a list of items: 'Questions' and 'Question Bank'. Below this list, there is an information icon and three lines of text: 'Click on + to view folder and questions under it.', 'Click on a folder name to view options.', and 'Click on a question to view options.'

Click on the video icon in the **Advanced** editor:



Create a Question Question Folder - Questions

Value Description

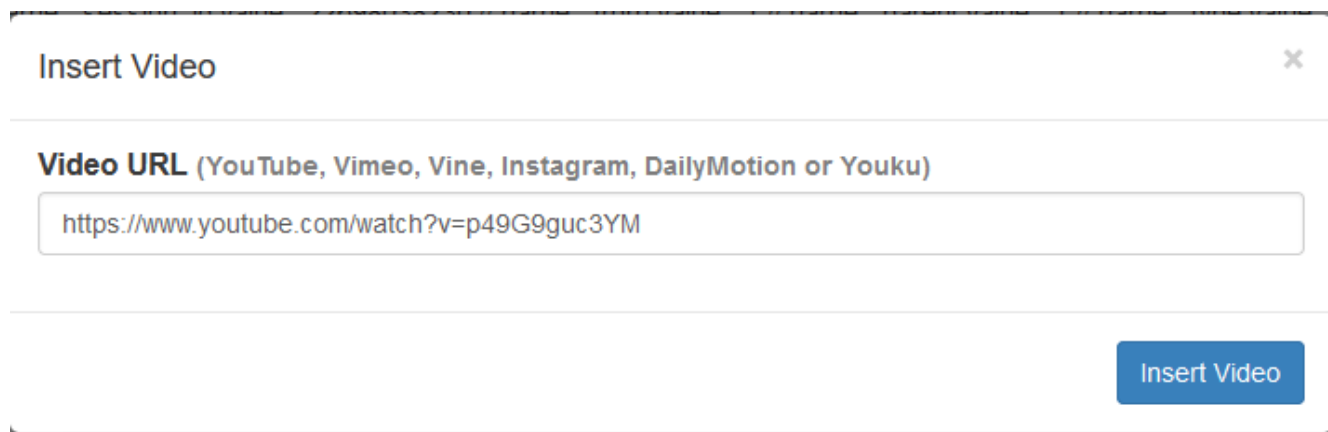
Advanced Equation Basic

Rich text editor toolbar: Bold (B), Italic (I), Underline (U), Text color (A), Background color (A), Bulleted list, Numbered list, Indent, Table, Image, Video (highlighted), Source code (</>).

Multiple Choice Multiple Answer MatchXng T/F Y/N Short Answer Paragraph

Paste the url in.

Click on **Insert Video**.



Insert Video

Video URL (YouTube, Vimeo, Vine, Instagram, DailyMotion or Youku)

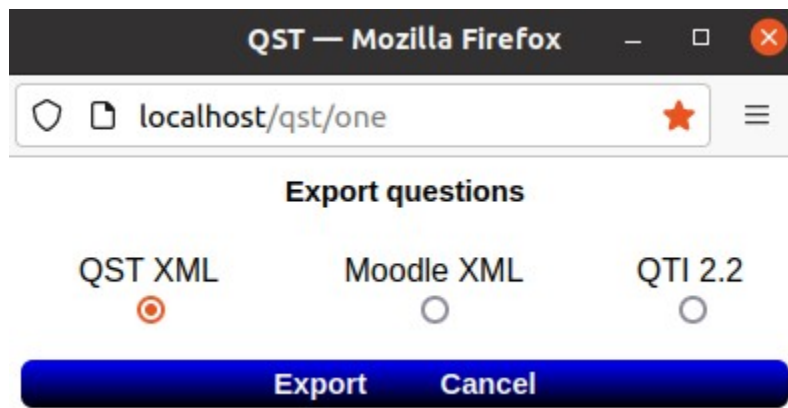
Insert Video

Videos should have **Closed Captioning** to be WCAG compatible.

d. Exporting/Importing questions

Exported questions will include the images and pdf's in the question or answers.
The images are base 64 encoded (in QST XML and Moodle XML).

Questions can be exported in QST XML, Moodle XML and QTI 2.2 zip format.

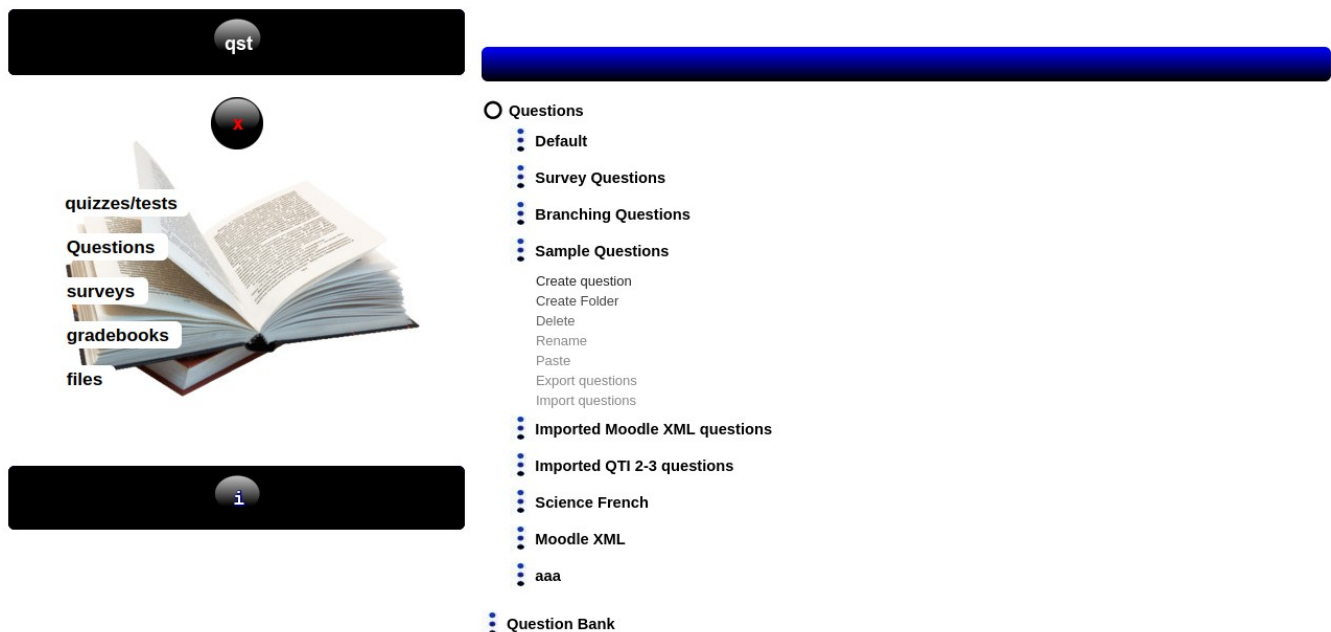


Under My Questions, click on a folder name to export all the questions in that folder.

This will only export all the questions in the folder, it will not recurse through folders under that folder.

Images in questions and answers will be included in the export file.

TIP - Create a New folder and copy/paste questions into it, then Export.



Click on a folder name to Import Questions to it.

Any images associated with the question or it's answers will be saved under My QST Files/*Import Images QST Date and Time*.

Importing Word XML files:

Only multiple choice - single answer questions can be imported (there can be up to 15 answers).

* Images (in questions and answers) will be imported also

A folder will be created under QST Files with the name Imported Images Word and the date and time

Open your word .doc and make sure you put QST as the first word at the beginning of each *question*.

There is no need to number the questions

Each *answer* should have)@ at the beginng of the line with each answer,

example)@ answer

Each *correct answer* should have ** as the first letters of the answer.

The character combinations)@ and ** and QST should not be used in any *questions or answers* as they are special character in the import format.

Once you have done the above, save your word doc as xml and import it.

If no correct answers are indicated, the first answer will be set as correct.

Check your questions after you have uploaded them for any issues.

An example

QST What is the bird below?



)@ robin

)@



)@ pigeon

)@ ** pheasant

Importing/Exporting Moodle XML files:

Only multiple choice, matching, true/false, short answer and essay questions may be imported.

Matching questions may only be text.

* Images (in questions and answers) will be imported also

A folder will be created under QST Files with the name Imported Images Moodle and the date and time

Check your questions after you have uploaded them for any issues.

Importing/Exporting QTI 2/3 format files:

Only xml and zip files imported.

Only multiple choice, matching, true/false, short answer and essay questions may be imported.

Matching questions may only be text and contain 70 characters.

* Images (in questions and answers) will be imported also

A folder will be created under QST Files with the name Imported Images QTI ZIP and the date and time
Check your questions after you have uploaded them for any issues.

Importing/Exporting QST XML files:

All question types are imported.

* Images (in questions and answers) will be imported also

A folder will be created under QST Files with the name Imported Images QST XML and the date and time
Check your questions after you have uploaded them for any issues.

Share your questions with other QST users or your Question Bank Admin.

Twenty-five questions containing images in questions and answers will load in
approx. 10 - 20 seconds. The file size will be approx. 800Kb.

Question Bundles are available to Import at qstonline.org under Info.

Example of QST XML file:

```
<?xml version="1.0" ?>
<item>
<type>MC</type>
<mode>1</mode>
<sub_type>1</sub_type>
<ans_mode>0</ans_mode>
<value>1</value>
<descrip>What is the bird</descrip>
<qimage_name>pheasant.jpg</qimage_name>
<qimage> Base 64 encoded image here - left out for this example
</qimage>
<question><p><span style="font-size: 16px;">What is the bird shown
below?</span></p><p><span style="font-size:
16px;"><br></span><br></p></question>
<vlink>0</vlink>
<alink>0</alink>
<kolum>1</kolum>
<answers>
<c_answer>0</c_answer>
<answer>robin</answer>
<q_order>1</q_order>
</answers>
<answers>
<c_answer>0</c_answer>
<answer>owl</answer>
<q_order>2</q_order>
</answers>
<answers>
<c_answer>0</c_answer>
<answer>maggie</answer>
<q_order>3</q_order>
</answers>
<answers>
<c_answer>1</c_answer>
<answer>pheasanr</answer>
<q_order>4</q_order>
</answers>
</item>
</xml>
```

Explanation of xml:

- item consists of the question and answers
 - type is MC (multiple choice one answer), MA (multiple choice many answers), YN (yes/no), TF (true/false), SA (short answer), P (paragraph), MX (matching)
 - mode (what editor is used to create the question)
 - 0 Basic editor
 - 1 Advanced editor
 - 2 Equation editor
 - subtype (type of question)
 - 1 quizzes/tests
 - 2 surveys
 - ans_mode (what editor is used to create the answers)
 - 0 Basic editor
 - 1 Advanced editor
 - 2 Equation editor
 - value (what the question is worth 1 - 99 marks)
 - descrip (description of the question - max 50 characters)
 - qimage_name (name of the image in the question - could be more than one of these)
 - qimage (base 64 encoded image)
 - if there are more than 1 images in the question, there will be multiple <qimage_name><qimage> one after another
 - question (the actual question)
 - vlink (video link - only if you used the basic editor to create question)
 - alink (audio link - only if you used the basic editor to create question)
 - kolum (how many columns to display answers in 1-3)
 - answers (one for each answer)
 - c_answer (1 if correct answer, otherwise 0)
 - answer (the actual answer)
 - q_order (the order of the answer)
 - </item> end of that question and answers

*** If you are going to create your own QST XML file, try one question first to see how it goes.

- If there are images in your answer, there will be <ba_image_id_name> <ba_image_id> under the answer if you used the **Basic editor**. If you used the **Advanced editor** to create your answers, and there are images in your answers, there will be <adv_ans_image_name> and <adv_ans_image> in your answers.

**** Replace all " in your questions and answers with ";

**** Create a question and Export it, then look at the .qstxml file in a text editor to see the differences for each question and answers created in QST by each editor.

e. Create a QST

Click on Quizzes/Tests, and then My Quizzes/Tests and *Create a folder* to place your quizzes/tests in (recommended - so they are grouped and easier to find/use later).

My Quizzes/Tests is your own bank. Your QST can be changed at any time while it is in your bank. Once it is pasted into a class it is a copy of your original and may be changed as long as no student has attempted it yet.

qst

Quizzes/Tests

questions

surveys

gradebooks

files

Quizzes/Tests

Introductory QST

Create Quiz/Test

Create Folder

Delete

Rename

Paste

15? 15 ✓

Introductory Quiz

12? 12 ✓

Branching QST

5? 11 ✓

Sample Quiz

5? 11 ✓

First Quiz

My Classes

[Add new question](#)[Add the questions](#)[Add questions as group](#)[Delete questions](#)[Focus](#)[Preview](#)[Close](#)

Introductory Quiz

○ Questions

⋮ General questions

⋮ Export questions to test with

○ Science 6

Select All

- 1 ☐ ? MC¹ Airplane classification
- 2 ☐ ? MC¹ Hot-air balloon
- 3 ☐ ? MC¹ Mass of oxygen in a sealed jar
- 4 ☐ ? MC¹ Balloon temperature
- 5 ☐ ? MC¹ Purpose of rudder on aircraft
- 6 ☐ ? MC¹ Elastic band propeller
- 7 ☐ ? MC¹ Drag forces
- 8 ☐ ? MC¹ Which of the following celestial objects emits light
- 9 ☐ ? MC¹ Analyze a shadow stick investigation and identify
- 10 ☐ ? MC¹ Sun height above horizon

You can add questions, delete questions, branch questions, re-order questions and group questions to be chosen randomly.

Click on **Close** when finished to update the Create/Manage Quiz/Test screen.

All question here are Primary Questions.

Click on a question shown to branch it.

As soon as you branch a question, there will be no marks available for the QST, as it would be difficult to understand the value of a mark in this context.

In the GradeBook the branching QST will be shown as done by the user by ? , and you can view it.

You can create an empty QST.

Your QST will appear on the right side main screen.

Preview your QST to see how it will appear to your users.

The Preview will show all the questions in the qst.

Branching QST's will only display the Primary questions.

f. Make your QST available to your users - Post

Click on the QST you created under Quizzes/Tests and select *Copy*.

Click on the My Classes folder and click on the class you would like to make the QST available for and select *Paste*.

Now click on the QST you just pasted and select *POST*.

A new screen will appear with the options to make the QST available to your users.

Introductory Quiz

Availability: ☒ Always ☐ January 1 12:45 am to January 1 12:45 am

Delivery: Single Question - Jump Display Modal - No resize

Duration: 15 minutes Attempts: 10

Shuffle questions for each user: ☒ Yes ☐ No

Shuffle answers: ☐ Yes ☒ No

☒ Record mark - if multiple attempts records highest mark only if all questions are T/F, Y/N, multiple choice, multiple answer, or matchxng, otherwise records last attempt.

☒ Submissions are viewable

☒ Results/Mark is viewable

Post it Cancel Unpost

Select All Students Unselect All Students

- ☒ Sam Black
- ☒ Robert Stall
- ☒ Chuin Ming
- ☒ Joe Harrington
- ☒ Bob Cline
- ☒ Igor Roskov
- ☒ Prem Randwal
- ☒ Sam McGuire
- ☒ Susan Smith
- ☒ Juan Pedro

You may want to deliver your QSTS's differently to acheive your goals.

Sometimes you may want to ask a question based upon a previous question and do not want the user to refer back to the question. Often you want the user to have immediate feedback. Other times only provide feedback at the end, or not at all.

Traditional method of paper assessment - displaying all questions is also available.

Delivery:

Paper - All Questions

Single Question - Jump

Single Question - Next No going back to previous questions.

Single Question - Answer

Single Question - Branch

Display:

New Window - QST will appear in a new window, and may be resized.
- *** Use this so students cannot use the browser back button.
Modal - QST will appear in a modal and cannot be resized.

In **Modal** display a user can use the browsers back button to go to previous questions even if the QST Delivery is set to Single Question - Next.
It is **not** recommended to use this display type for an exam or test.

QST's containing random questions or branching questions cannot be shuffled.

Have the Administrator create a demo student for you, then you can try different combinations of the options available for Posting the QST.

The demo student will not be counted in the GradeBook as long as they have no marks for a QST.

Delete the demo students mark after you have attempted the QST.

** If you add a student to a class, You must re-post any QST's available to that class so that student has access to them.

g. Branching Questions

Only True/False, Yes/No, Multiple Choice - Single Answer questions can be branched. A single answer, multiple answers or all answers may be branched.

Add new question Add questions from bank Delete questions Save changes Preview Close

Branching QST

☐ + TF 🔍 I live in North America

Add new question Add questions from bank Delete questions Save changes Preview Close

Branching QST

☐ + TF 🔍 I live in North America

Branch
Delete Branch
Cut
Paste above
Paste below

Next:

View Branching:

[Add new question](#) [Add questions from bank](#) [Delete questions](#) [Save changes](#) [Preview](#) [Close](#)

Branching QST

☐ **TF** 🔍 I live in North America

True → - 🔍 I live in the USA

True → - 🔍 I live in Western US

True → + 🔍 I live in California

False → + 🔍 I live in South America

False → + 🔍 I live in Canada

False → + 🔍 I live in South America

Primary questions are the first level questions in a QST.

Click on a Primary question to branch the answers.

A popup will appear and click on *Question* next to an answer.

A new popup will appear with your Question Bank questions.

Clicking on the radio button in front of a question will add the question as a branch for that answer.

Clicking on *Question* for the next answer will clear your previous selection in your Question Bank, and you can now choose a new question.

[Add new question](#) [Add questions from bank](#) [Delete questions](#) [Save changes](#) [Preview](#) [Close](#)

Branching QST

QST — Mozilla Firefox

localhost/qst/one

Branch Answer

☐ True → I live in the USA 🔍 Question

☐ False → I live in South America 🔍 Question

QST — Mozilla Firefox

localhost/qst/one

Questions

+ Default

+ Branching Questions

+ Sample Questions

+ Science

+ Sample question types

+ Science French

+ Question Bank

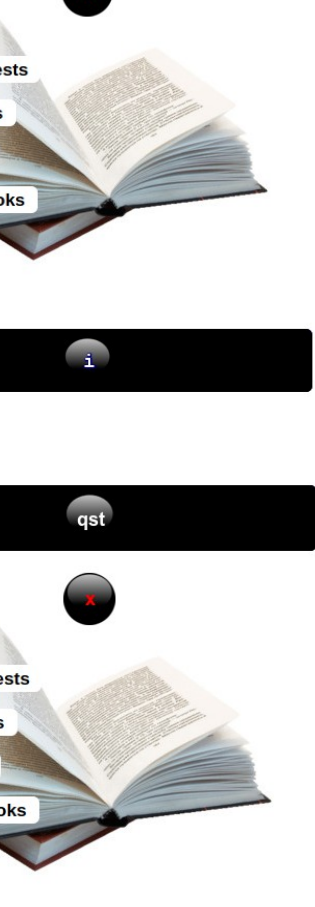
If an answer is not branched, then if that answer is selected by a user, the QST will continue to the next Primary question.

Primary Questions may be re-arranged in order and still contain the same branching questions under them.

Usually Primary Questions would be something you would ask of every user, however, some QST's may only contain one Primary Question, and all the answers lead in separate directions.

Because branching questions can get very complex quickly, it is best to map out your design before beginning to save you time. There is no limit to the level of branching under a question.

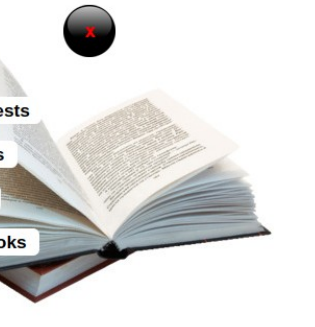
Click on **gradebooks**, and then click on a class name to view the GradeBook for that class.



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To view **Stats** for a QST or Assignment, click on a **Number**, which will also display other options, such as Weighing, View and Marks.

- In the **Stats** screen for Quizzes and Tests, click on the question **Type** to view the question and see the number of times each answer was selected by the class.
- Also view which users got the question correct/incorrect/no answer/partial answer.
- Click on **Weight** to set the % value of the QST in the Total Mark.

Introductory Class									
Assignment									
Display									
GradeBook									
QST/Assignment: 1 ₁₀ 2 ₂₀ 3 ₂₀ 4 ₁₅ 5 ₅ 6 ₀ 7 ₀ 8 ₂₀ 9 ₁₅ Total of weights = 100 %									
Introductory Quiz									
Delete									
View									
Stats									
Weight 10%									
Marks 15									
1 Carl Kolotylo	12/8.0	14/18.7	22/13.2				20/13.3	15/15.0	68.2
2 Sam Black		0/0					--	--	0
3 Bob Cline	1/0.7						--	--	0.7

When a student starts a QST, it will be shown as **IP (in progress)** in the GradeBook.

Once a QST is started, an end time is set for the QST for that user.

Once they have submitted the QST, it will show their score.

If they did not submit the QST before the time is up, the QST will still show as **IP**, and the instructor will have to click on the **IP** to View/Mark and **submit** the QST for them.

Then a mark will be shown. May have to refresh Display.

If the QST is posted with multiple attempts and Record Mark is **not** chosen, in the GradeBook the number of attempts at the QST will be shown **A-2** for 2 attempts.

If the QST is posted with multiple attempts and Record Mark is chosen, a mark will be shown for the QST in the GradeBook. The number of attempts will not be shown as only the highest mark is kept and therefore it is likely the student will use all the attempts to improve on their mark.

Click on a student's **mark** to view/mark their submitted Quiz/Test.

In the case a student has to **Resume** a QST, click on **IP** for their QST and click **Resume**. This will allow them to re-log in to that QST, as long as there is time remaining in it for them.

If they have been locked out for more than a minute, consider adding some time to their QST. Adding time adds time to the end time of the QST for that user.

A QST cannot be **Resumed** after the end time has passed unless more time is added to the user's QST and it is still available under **Posted**.

Resume will **not** work with **Display Modal** - no **resize** chosen.

* Students that did not take a QST, will not have a mark for that QST and will not be included in the average for that QST.


Introductory Class		Assignment	Display	GradeBook						
QST/Assignment:	1 ₁₀	2 ₂₀	3 ₂₀	4 ₁₅	5 ^S	6 ₀	7 ₀	8 ₂₀	9 ₁₅	Total of weights = 100 %
1 Carl Kolotylo	12/8.0 Delete Bonus View/Mark	14/18.7		22/13.2				20/13.3	15/15.0	68.2
2 Sam Black		0/0						--	--	0
3 Bob Cline	1/0.7							--	--	0.7
4 Bill Hill	0/0	0/0		7/4.2	✓	A-1	0	13/8.7	14/14.0	26.9

Clicking on View/Mark on a students QST mark will show you the following screen where you can also Print the students marked QST or Save it as a PDF to keep for your records.


Another New QST - Bill Cline**Print / PDF**

Started: March 17, 3:42 pmSubmitted: March 17, 3:43 pm

1. (1) What is the bird shown below?



Correct

☐ 

☐ owl

☐ rat

☒ pheasant

QST Results

Marks: 1/5
Bonus: 0

1 ✓ Correct
2 ✗ Incorrect
2 ⚪ No Answer
P Partial mark

✓ 1¹ ✗ 2¹ ✗ 3¹
⚪ 4¹ ⚪ 5¹

Creating an **Assignment** will allow you to also set a mark for the assignment and a weight.

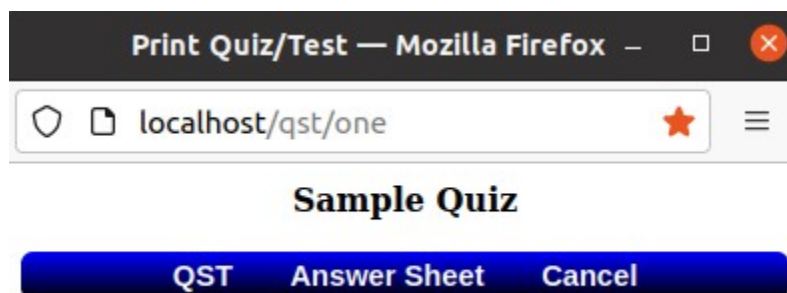
Click on -- under the Assignment to add a Mark for a user.

Downloading the GradeBook (in .csv or .json format) includes QST's and Assignments with a mark for each student. If the student did not attempt a QST, there will be no mark in the download for them.

The QST must have a weight(%), otherwise it will not be included in the download.

i. Print a QST to dispense to class

Click on Quizzes/Tests and then My Quizzes.
Click on a QST shown and click Print.



Click **QST**.

- * It will display equations, images, etc..
- * Put letters of the alphabet in the beginning of answers if you need to see a, b, c, d, etc. in the answers and in the answer sheet.

Print a Quiz/Test — Mozilla Firefox

localhost/qst/one

PrintCancel

Sample Quiz


(Questions: 12 Marks: 12)


Institute : _____

Class : _____


Name : _____

1. (1) MC 3 columns basic

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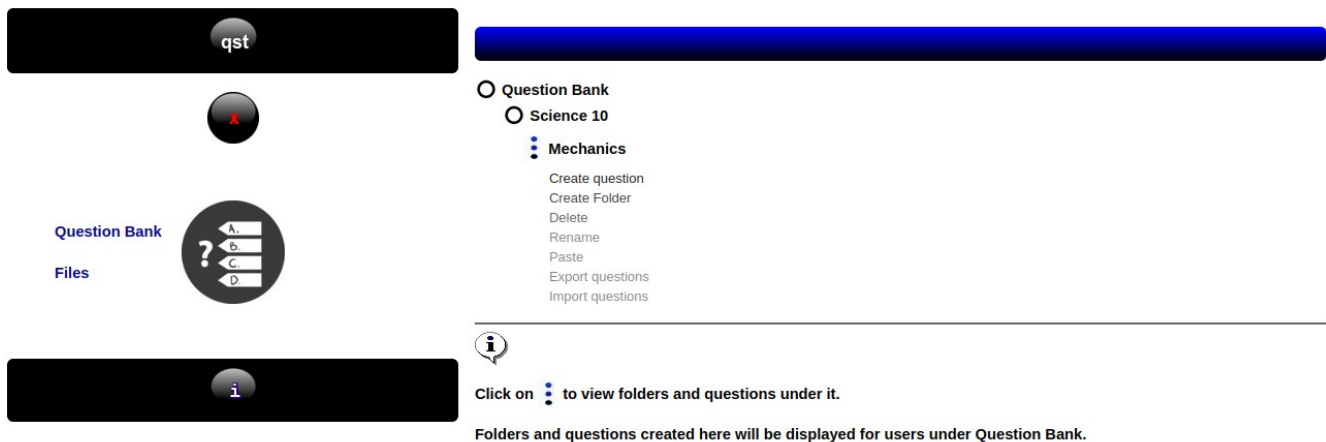
☐ XXXX

☐ 

2. Students

After students have logged in, the left side of the screen shows their name and optional photo along with the classes they are in.

Clicking on a class name displays the QST's available to the student on the right.
Selecting a QST will display a popup with instructions for the QST.
The QST is only marked as attempted after the student selects OK in the popup.



They have access to the whole Question Bank and questions placed in here are available to all instructors in the organization.

4. Mobile/Phone/Lockdown browsers

Mobile/Phone

This is only for students to take a QST.

QST is available on both android and iphone (Safari) for students.

QST delivery via the android app or phone/safari browser is single question next.

On the login page there is Safari Browser, which adjusts the screen to fit for all phones. Use this for other phones also if you do not have the app for your phone.

It provides the same display as the android apps do.

QST's delivered by the phone/safari browser option allow the user to use the back buttons in the browser and they can return to previous questions.

In QST's delivered through the android app the user only has the option to move forward through the questions. They cannot return to a previous question.

You will need to provide the students with a server name (the url to your qst installation home), along with their usernames and passwords.

The server name must be a valid internet domain name or a valid internet IP number.

- qst-android-http.apk does not require a certificate and can be used on your local network.
- In server put your local network IP of your QST server.

QST for android is available on Google Play and also at QST on sourceforge.net . Sourceforge has both versions.

Lock down browsers

You may want to use Chrome Kiosk Mode to lock down the browser on chrome managed devices or Chrome on Windows.

Microsoft Edge Kiosk Mode is also available.

Safe Exam Browser may be another option you might want to consider.

All are free.