Hot Potatoes for Mac

Hot Potatoes software allows you to make interactive web games and puzzles for students. Why create these activities? You can use them as self-assessment exercises, reviews, or as interactive activities.

Types of applications that can be created with this software include, but are not limited to:

- Self-graded quizzes
- Drag and drop matching exercises
- Crossword puzzles

You can make fill-in-the-blank exercises, called JCloze; regular multiple choice or multiple response quizzes, called JQuiz; matching exercises, called JMatch; and crossword puzzles, called JCross.

This software is available free at http://hotpot.uvic.ca/.

The Hot Potatoes logo is used with permission from Half-Baked Software

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Creating Quizzes

JQuiz

In this section you will learn how to create multiple choice and multiple select quizzes in Hot Potatoes.

1. Click on the potato labeled JQuiz.

2. In the “Exercise Title” box, type in the name of the quiz. Then click the drop-down menu directly to the right of the Q(n) box and choose either multiple choice or multiple correct.
3. Type your question in the Q(n) box. Then type the possible answers in the A, B, C, and D boxes. It is not required, but if you wish to add feedback for each answer, you can do so in the corresponding boxes next to each answer.

<table>
<thead>
<tr>
<th>A</th>
<th>Answer</th>
<th>Feedback</th>
</tr>
</thead>
<tbody>
<tr>
<td>Human</td>
<td></td>
<td></td>
</tr>
<tr>
<td>B</td>
<td>Giant</td>
<td></td>
</tr>
<tr>
<td>C</td>
<td>Half-human, half-giant</td>
<td></td>
</tr>
<tr>
<td>D</td>
<td>Centaur</td>
<td></td>
</tr>
</tbody>
</table>

Note: you cannot have less than four possible answers, but you can add more answers. To do so, click the up-arrow above the A.
To the right of the feedback column, you can choose the correct answer(s).

<table>
<thead>
<tr>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
</tr>
</thead>
<tbody>
<tr>
<td>Human</td>
<td></td>
<td>Half-human, half-giant</td>
<td>Centaur</td>
</tr>
</tbody>
</table>

To add your next question, click the up-arrow next to the Q(n) column. Repeat step 3 until all questions are created.

4. Refer to the sections on saving, changing the settings on, and publishing your quizzes in Hot Potatoes for Mac.

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JMatch

In this section you will learn how to create matching activities in Hot Potatoes.

1. Click the potato labeled “JMatch.”
2. In the “Exercise Title” box, type your quiz title.

<table>
<thead>
<tr>
<th>Exercise Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>Harry Potter Character Matching</td>
</tr>
</tbody>
</table>

a. In the left column, you will put the fixed items. These will be the items that your students cannot change.

<table>
<thead>
<tr>
<th>Item</th>
<th>Left (fixed)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Dobby</td>
</tr>
<tr>
<td>2</td>
<td>Harry Potter</td>
</tr>
<tr>
<td>3</td>
<td>Hermione Granger</td>
</tr>
<tr>
<td>4</td>
<td>Ronald Weasley</td>
</tr>
<tr>
<td>5</td>
<td>Rubeus Hagrid</td>
</tr>
</tbody>
</table>
b. In the right column, you will put the items that your students have to choose from. Type the answers next to their match.

<table>
<thead>
<tr>
<th>Item</th>
<th>Left (fixed)</th>
<th>Right (chooseable)</th>
<th>Fix</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Dobby</td>
<td>House Elf, was freed in book two by receiving a sock.</td>
<td>☐</td>
</tr>
<tr>
<td>2</td>
<td>Harry Potter</td>
<td>The Chosen One, only known survivor of the killing curse.</td>
<td>☐</td>
</tr>
<tr>
<td>3</td>
<td>Hermione Granger</td>
<td>Muggle-born wizarding genius, best friend to The Chosen One.</td>
<td>☐</td>
</tr>
<tr>
<td>4</td>
<td>Ronald Weasley</td>
<td>One of six red-headed children, best friend to The Chosen One.</td>
<td>☐</td>
</tr>
<tr>
<td>5</td>
<td>Rubeus Hagrid</td>
<td>Keeper of keys and game at Hogwarts School of Witchcraft and Wizardry, half-giant.</td>
<td>☐</td>
</tr>
</tbody>
</table>

Default value in the right column:

NOTE: Do not check the boxes next to the right column. This will make all answers appear next to their matches, defeating the purpose of the exercise.

ALSO NOTE: Leave the “Default value in the right column” blank. If anything is in that box, it will change all your answers to whatever you put there.
c. To add more lines of matching, click the up-arrow under the left column.

<table>
<thead>
<tr>
<th>Item</th>
<th>Left (fixed)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Dobby</td>
</tr>
<tr>
<td>2</td>
<td>Harry Potter</td>
</tr>
<tr>
<td>3</td>
<td>Hermione Granger</td>
</tr>
<tr>
<td>4</td>
<td>Ronald Weasley</td>
</tr>
<tr>
<td>5</td>
<td>Rubeus Hagrid</td>
</tr>
</tbody>
</table>

Default value in the right column

NOTE: If there are more than five lines of matching, it will go off-screen for the students with some types of matching exercises. This can be problematic for students trying to do the exercise.

3. Refer to the sections on saving, changing the settings on, and publishing your quizzes in Hot Potatoes for Mac.

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JCross

In this section you will learn how to create a crossword puzzle activity using Hot Potatoes.

1. Click the potato labeled “JCross.”
2. Give the crossword a title in the “Exercise Title” box.

![Exercise Title](image)

Harry Potter Crossword

3. Click “Manage,” then “Create Grid from List of Words…”

![Create Grid from List of Words](image)

4. Enter each word on a separate line in the designated box. In the “Maximum number of rows and columns,” be sure to put a number that is at least double your longest word, longer if you have many long words. This will guarantee you will have enough space for all of your words. Click “Make Grid.”

![Create Grid from List of Words](image)

Maximum number of rows and columns: 20

Enter each word on a separate line

- DUMBLEDORE
- DOBBY
- DRACO
- RON
- HERMIONE
- HARRY

Make Grid

5. Click “Show Clues Window.”

![Show Clues Window](image)
6. Click next to each word under “Clue,” and add the clues. NOTE: The program can be temperamental sometimes, so if it doesn’t allow you to type the first time, try a different one and come back to it later. Also try control-clicking once and then clicking it again. Click “Close” when finished.

7. Refer to the sections on saving, changing the settings on, and publishing your quizzes in Hot Potatoes for Mac.

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Saving

1. To save the quiz, click “File,” then “Save data file as…”

![File menu]

2. Give it a name with no spaces, make sure it is set to .jqz (JQuiz), .jmt (JMatch), .jcl (JCloze), .jcw (JCross), or .jmx (JMix) file format, then click “Save.”

![Save data file]

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Changing the Settings

1. Click “Options,” then “Open Configuration Window.”

Under Instructions you can give your students instructions for the quiz.

2. Click “Prompts” in the navigation bar.

Here you can enter what students will see in certain situations.
3. Click “Buttons” in the navigation bar.

Uncheck the “Go to Contents” and “Next Exercise” buttons (these often confuse students). Then you have the option to have a “Hint” button or have a “Show Answer” button.
4. Click “Appearance” in the navigation bar.

From here you can change the font face and size. You can also change the page colors using hex codes. To get more hex codes, go to http://www.allprofitallfree.com/color-wheel3.html.

5. Click “Timer” in the navigation bar.

To include a timer, check the check box. Then set the minutes and/or seconds and the expired-time message.
6. Click “Other” in the navigation bar.

From here there are different options for each type of quiz. Check the ones you want to apply.

- Save javascript in separate file
- Do special processing for Right To Left scripts
- Include SCORM 1.2 Functions
- Show limited number of questions 10
- Shuffle items each time page is loaded
- Shuffle answers when page is loaded
- Show score after each question answered
- Answer checking is case sensitive
  - Number of tries on hybrid question before multiple choices appear 2
- Show other correct answers
- Show number of questions answered correctly first time
- Include keypad for non-Roman and special Roman characters
  - Characters to always include in keypad

Ignore the last two items on the navigation bar. Click “Save,” then “Close.”
Publishing (Making an HTML File)

1. To publish the quiz, either click “File,” “Export,” and “Create Standard V6 page;” or click the button that looks like a spider web with a 6 on it.

NOTE: If you are doing a JMatch quiz, you have another option. The above option gives you a drop-down type of matching quiz. To make a drag-and-drop matching quiz, you can either: click “File,” “Export,” and “Create drag-drop page” or you can click the button that looks like a spider web with a 6 and a box on it.
2. Save it as the same name as before, no spaces, except this time the file format should be either .htm or .html. Click “Save.”

3. Click “View in Browser.”

You should see a preview of your quiz now, and you’re finished!

Upload your Hot Potatoes html file into Moodle just as you would any html file.

Created by: Tiffani Reardon, February 2014

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