

Customizing Questions in a Test

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Norton Testmaker lets you customize questions after adding them to your test. Customized questions become a part of your test bank automatically, so they can be reused in other tests. Questions can be edited in “Build” and “List” views.

The following question types can be edited in Norton Testmaker:

1. Essay
2. Short Answer
3. True/False
4. Multiple Choice
5. Question Group

1. Click “Edit Question”, available alongside the question number heading in the test.

The screenshot displays the Norton Testmaker interface in the "Build Test" view. The top navigation bar includes a back arrow, the text "Testmaker", the current view "Build Test", the user email "sshakya@wnorton.com", and a settings gear icon. The main content area is divided into two panels. The left panel, titled "Add Questions", shows the test bank "Organic Chemistry: Principles and Mechanisms, Second Edition, by Joel Karty" with 1275 questions. It features a search bar and an "Add Filters" button. The right panel, titled "8 Questions", lists two questions. "Question 1" asks "Which of the following is not a homogeneous mixture?" with options: a. vinegar, d. antifreeze, b. Italian salad dressing (selected), e. ketchup, and c. a can of soda. "Question 2" asks "Which of the following is a heterogeneous mixture?". Both questions have "Edit Question" and "Remove" links. At the bottom right, there are "Export" and "Save" buttons.

2. The "Edit Question" screen will open for the respective question. The layout of the editing screen will depend on type of question being edited. Only one question can be edited at a time.

3. There are generally three sections in the "Edit Question" screen.

- a. Question editing disclaimer
- b. Question Stem and Question Answer/Answer Choices
- c. Question Information
 - This section includes the available metadata fields for the question being edited

Note: The “Save” button is only activated after initiating your edits. Clicking "Cancel" will close the edit

screen and revert back to the test in the "Build Test" screen without saving changes.

The screenshot shows the 'Edit Question' screen in the Testmaker interface. The header includes a back arrow, 'Testmaker', 'Build Test', the user email 'sshakya@wnnorton.com', and a settings gear icon. The main content area is titled 'Edit Question' and contains a grey box with instructions: 'How Editing a Question Works: In your exam, saving this edited question will replace the original question. In your testbank, this edited question and the original question will both appear in the test bank.' Below this is the 'Question Stem*' field with a text box containing: 'During the expansion of steam inside the cylinder of a steam engine, the piston moves and the volume of the cylinder increases by 45 mL. The external pressure is a constant 4 atm. Calculate the change in the energy (in joules) of the steam caused by doing this work. Conversion factors are provided on the information page.' The 'Question Answer' field shows a blue checkmark and a text box with '-18.2 J'. At the bottom, the 'Question Information' section is partially visible, showing 'Question Type' as 'SHORT ANSWER'. 'Cancel' and 'Save' buttons are at the bottom right.

The screenshot shows the 'Question Information' screen in the Testmaker interface. The header is identical to the previous screenshot. The main content area is titled 'Question Information' and contains several fields: 'Question Type' is 'SHORT ANSWER'; 'Difficulty' is a dropdown menu set to 'Medium'; 'Reference' is '5.3'; 'Blooms Taxonomy' is a dropdown menu set to 'Applying'; 'Chapter' is 'Chapter 5: Thermochemistry, Energy Changes in Reactions'; and 'Learning Objectives' is 'Explain what is meant by pressure-volume work, and calculate pressure-volume work for a given situation.' 'Cancel' and 'Save' buttons are at the bottom right.

4. The following fields are customizable:

- a. Question Stem
- b. Question Answer/Answer Choices
- c. Difficulty and Bloom's Taxonomy metadata

5. Click into the "Question Stem" or "Question Answer"/"Answer Choices" to edit content. The editing menu will appear.

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Edit Question

How Editing a Question Works:
 In your exam, saving this edited question will replace the original question.
 In your testbank, this edited question and the original question will both appear in the test bank.

Question Stem*

B I U S x₂ x² [List Icons] [Image] [Undo] [Redo] [Eraser] [Help]

During the expansion of steam inside the cylinder of a steam engine, the piston moves and the volume of the cylinder increases by 45 mL. The external pressure is a constant 4 atm. Calculate the change in the energy (in joules) of the steam caused by doing this work. Conversion factors are provided on the information page.

Question Answer

✓ -18.2 J

Question Information

Cancel Save

6. Content can be modified using the editing options.

7. In multiple choice questions, answer choices can be removed or added. A correct answer may also be changed by selecting/deselecting the radio buttons.

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Answer Choices*

- a. vinegar [X]
- ✓ b. Italian salad dressing [X]
- c. a can of soda [X]
- d. antifreeze [X]
- e. ketchup [X]

+ Add an Answer Choice

Cancel Save

8. Difficulty and Bloom's Taxonomy provide a drop-down menu with available options. Options can be selected from the menu and added to those metadata fields.

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Question Type
SHORT ANSWER

Difficulty

Medium x | x | v

Difficult

Easy

Moderate

Applying x | x | v

Chapter
Chapter 5: Thermochemistry, Energy Changes in Reactions

Learning Objectives
Explain what is meant by pressure–volume work, and calculate pressure–volume work for a given situation.

Cancel Save

9. Click “Save” after editing the question. The edit screen will close after saving the edits and revert back to your test in the “Built Test” screen.

10. The customized question will be displayed in the test with a “Your Question” flag in place of the original question. The original Norton question will move back to the test bank.

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going downhill on a skateboard has kinetic energy.

More Info

Question 8 Edit Question Remove

Your Question

Edit 1 - During the expansion of steam inside the cylinder of a steam engine, the piston moves and the volume of the cylinder increases by 45 mL. The external pressure is a constant 4 atm. Calculate the change in the energy (in joules) of the steam caused by doing this work. Conversion factors are provided on the information page.

✓ -18.2 J

More Info

Export Save

Add Questions

Test Bank:
Organic Chemistry: Principles and Mechanisms, Second Edition, 1276 Questions
by Joel Karty

Search

Add Filters

11. If customized questions are available in the test bank, a filter category called “Question Source” will be available, allowing you to filter through “Norton Questions” and/or “Your Questions”.

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Search

Filters Cancel Apply

Chapters

Question Types

Question Source

Norton Questions

Your Questions

Difficulty

More Info

Question 7 Edit Question Remove

Describe the difference between potential energy and kinetic energy, and give an example of each.

✓ Potential energy is associated with the position of an object when a force is acting on it. For example, an apple in a tree has potential energy because it is being pulled down by the force of gravity and is being held up by the tree. Kinetic energy is associated with the motion of an object. For example, someone going downhill on a skateboard has kinetic energy.

More Info

Export Save

12. Select “Your Questions” to filter out and display only customized questions in search results.

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Clear Filters Add Filters

Your Questions x

1 Questions

Your Question

+ Edit 1 - During the expansion of steam inside the cylinder of a steam engine, the piston moves and the volume of the cylinder increases by 45 mL. The external pressure is a constant 4 atm. Calculate the change in the energy (in joules) of the steam caused by doing this work. Conversion factors are provided on the information page.

✓ -18.2 J

More Info

Question 7 Edit Question Remove

Describe the difference between potential energy and kinetic energy, and give an example of each.

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More Info

Export Save