TI LearningCheck™ Creator
Reference Guide

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LearningCheck™ Creator

Legal Information

LearningCheck™ Creator

Use LearningCheck™ Creator to create self-check opportunities or exams. You can create review questions or practice tests that provide feedback on correct and incorrect answers to allow students to test their own knowledge. You can create quizzes and exams, send them to student calculators, then upload completed material to your PC for evaluation and grading.

You can use the LearningCheck™ Creator or TI Connect™ to transfer LearningCheck files from a PC to a TI handheld device. The LearningCheck™ App on the device then tracks the answers given and displays results for the document.

LearningCheck™ Creator Main Window

The LearningCheck™ Creator window consists of two areas: the Preview panel and Content area.

Preview Panel – ldisplays outline or thumbnail images of sections and questions; allows you to select a question type and create new questions.

Content Area – area for adding content to questions.

Preview   Content
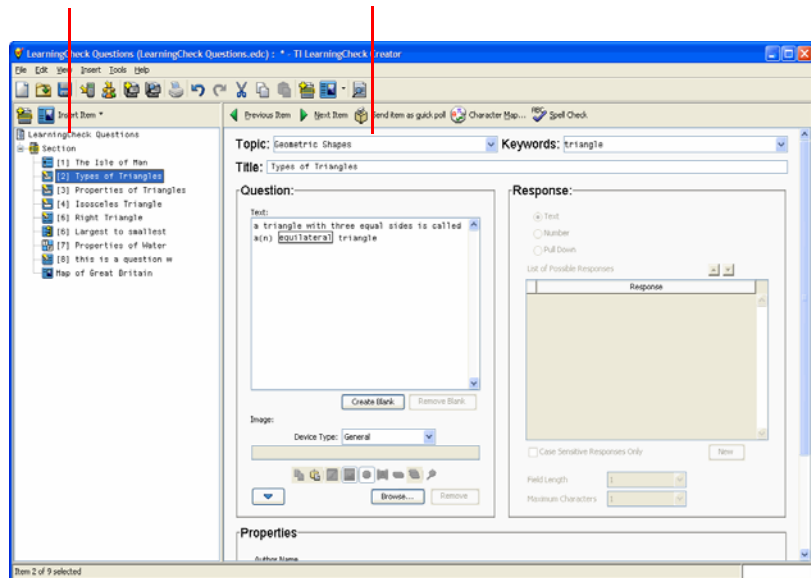
Changing the preview panel view

You can view items in the default outline mode, which displays only item titles, or you can view the item detail, which includes a thumbnail of the question and answer.

▶   To switch to the detail view, select **View > Item Detail**.

Creating a new document

When you launch LearningCheck™ Creator, a blank document opens, with the first section open in the Content area. You can add questions to this document and save it to create a new document.

If you are working in a document, and want to create a new one (if, for instance you want to copy questions from the open document to a new one) do the following:

▶ Click **File > New** or click 🗋 .

A new document opens, with the first section open in the Content area.

Specifying document properties

Document properties allow you to store data with your documents that can be used to specify certain properties for use on the device. Document properties can also be used as search criteria when searching for questions relating to particular topics or keywords. You can specify the following properties for your LearningCheck documents:

Title

Properties

- Author Name
- Grade Level
- Document type
- Copyright information

Item defaults

- Default topic
- Default keywords

Device Options

- Device Name
- Memory Location (RAM or archive)
- Randomize question order
- Delete Answer file from device after collect
- Delete Assignment file from device after collect

To change document properties

1. In the Preview panel, click ⊟···▤ Untitled 1 .

   The document properties page displays.
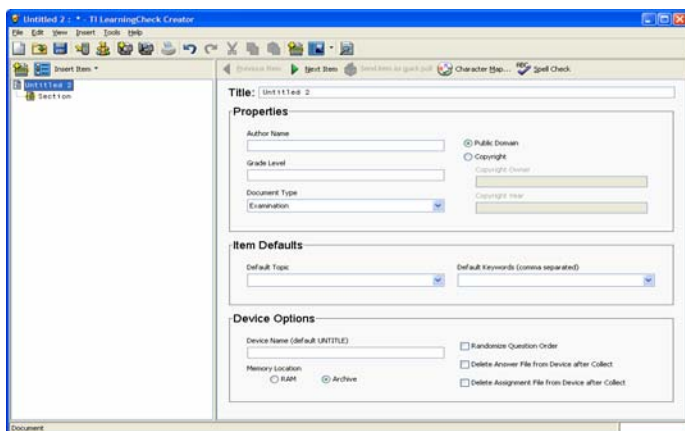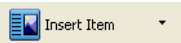
2. Type a name for the document in the Document Title box. This name will display in the calculator's Assignment List.

3. Select a document type (Examination or Self-check) from the document type dropdown.

4. If you want to add or change any other information about the document, click the desired entry field and type the information in the box.

   You are now ready to create sections and questions for the document.

Adding a new section

To add a new section to the document

1. In the Preview pane, click ![Insert Item] .

2. Click 📁 **Section**.

    LearningCheck™ Creator adds a new section.

3. Type a title for the new section in the Title box. (If you do not designate a title, it is named *Section*.)

    You can give the same title to more than one section.

    ✏️ You can rename the sections later if you prefer.

4. If you want to include a section description, type it in the Text area.

5. If you want to include an image, click Browse in the Image area, and navigate to the location of the image file. Double-click the image file name.

    The image appears in the Image area of the dialog box. You can edit the image using the toolbar below.

Adding questions

You can include several types of questions in LearningCheck Creator documents. To see the specifics of each question type, refer to the following:

- Adding a new choices on image question
- Adding a new custom choices question
- Adding a new fill in the blank question
- Adding a new open response question
- Adding a new sequencing question
- Adding a new standard choices question
- Adding a new text and image item
- Adding questions from the Item Bank

Adding a question

1. In the Preview pane, click the **Insert Item** drop-down button.
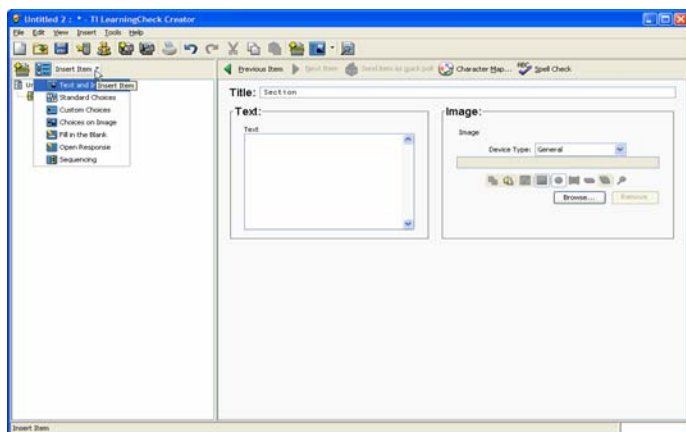
2. Click to select the type of question you want to add.

   The content panel for the new question displays.

3. Type the topic of the question in the **Topic** field.

4. Type any keywords that relate to the question in the **Keyword** field.

   Note: The Topic and Keyword information is used by the Item bank to provide search criteria for finding questions. You must enter text in these fields for the question to be searchable in the item bank.

5. Type a title for the question in the Title box. (If you do not designate a title, the default title is Item.)

   If you do not name questions, they are numbered sequentially in the document.

   ![pencil icon] You can rename the questions later if you prefer.

6. Type the question text and complete the other fields as required.

Adding specific question types

Adding a new choices on image question

A choices on image question is one in which the student views an image and selects the answer from one of the points on the image.

Example: The student might be presented an image of the state of Texas and asked to identify which of three points on the image showed the location of the capital city, Austin.

To add a new choices on image question to a section

1. In the Preview pane, click the Insert Item dropdown, and select ![icon] **Choices on Image**.

2. Type the topic of the question in the **Topic** field.

3. Type any keywords that relate to the question in the **Keyword** field.

   Note: The Topic and Keyword information is used by the Item bank to provide search criteria for finding questions. You must enter text in these fields for the question to be searchable in the item bank.

4. Type a title for the question in the **Title** box.

5. Type the question in **Text** box.

6. In the Response area, click **Browse**, navigate to the image and Insert it into the template.

   The image appears in the Image area of the dialog box.

7. To add points to the image, click on the image toolbar, and move the cursor to the point on the image. Click to add the point.

8. To add the correct answer point to the image, click ✔ on the image toolbar, and then click the correct location on the image.
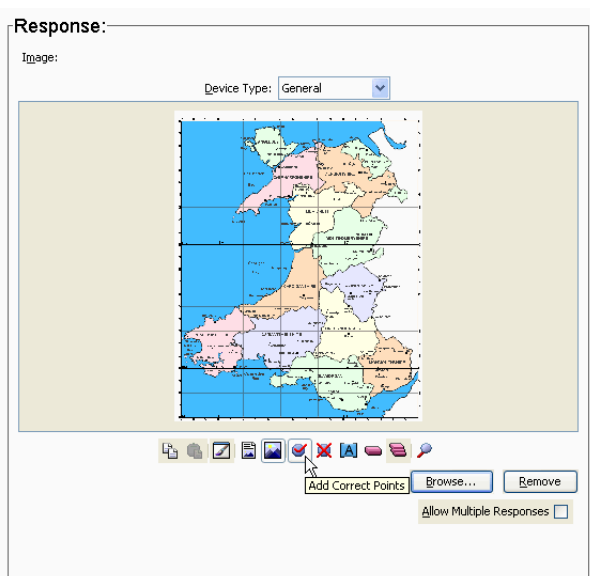
9. To create additional answer choices, click ✖ and then click other locations on the image.

10. To apply labels to the points, click 🅰 on the image toolbar and then click on each point.

    The points are labeled **A, B, C**, etc. in the order in which you click on them.

    a) To move a point (and its label) to a different place on the image, click the point and drag it to the new place.

Adding a new custom choices question

1. In the Preview pane, click the Insert Item dropdown, and select ![icon] **Custom Choices**.
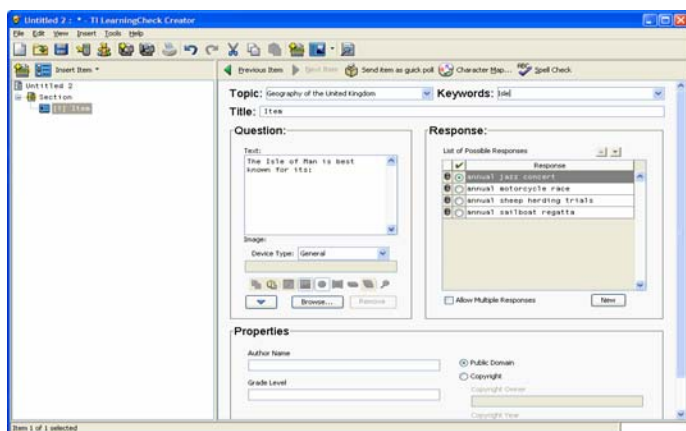
2. Type the topic of the question in the **Topic** field.

3. Type any keywords that relate to the question in the **Keyword** field.

    Note: The Topic and Keyword information is used by the Item bank to provide search criteria for finding questions. You must enter text in these fields for the question to be searchable in the item bank.

4. Type a title for the question in the **Title** box.

5. Type the question in **Text** box.

6. If the question will include an image, insert the image into the Image area.

    The image appears in the Image area of the dialog box.

7. To create answer choices, click in the Response box and type the first response.

8. To enter the second response, click **New**, and then type the response in the next box.

9. Repeat to create additional responses.

10. To delete a response, click ![icon] at the left of the response.

11. To change the order of the responses, select the response you wish to

    move and then click ![icon] or ![icon] to move the response up or down in the list.

12. In the List of Possible Responses, click the button at the left of the correct response. If this question has more than one correct response, click the **Allow Multiple Responses** checkbox, and then click the correct answers.

Adding a new fill in the blank question

1. In the Preview pane, click the Insert Item dropdown, and select **Fill in the Blank** .
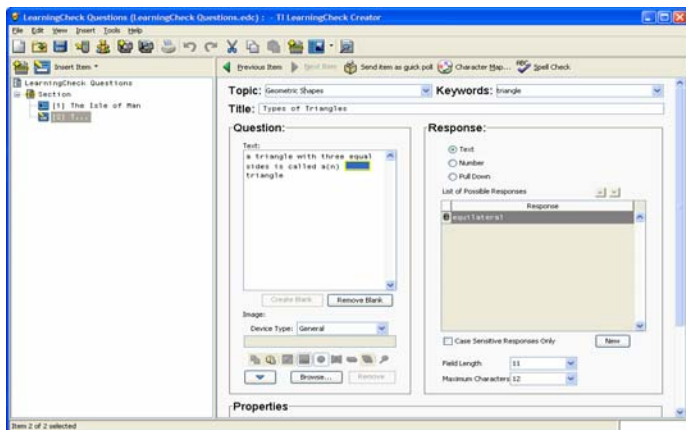
2. Type the topic of the question in the **Topic** field.

3. Type any keywords that relate to the question in the **Keyword** field.

   Note: The Topic and Keyword information is used by the Item bank to provide search criteria for finding questions. You must enter text in these fields for the question to be searchable in the item bank.

4. Type a title for the question in the **Title** box.

5. Type the question in **Text** box.

6. Create the blank. There are two ways to do this:

   a) Type the question, including the text that is in the blank (the answer)—don't type a blank.

   b) Select the text that will be in the blank.

   c) Click **Create Blank**.

   The LearningCheck™ Creator places the answer in the Question Text box with a frame around it and displays the text in the List of Possible Responses.

   or

d) Type the question leaving out the answer—don't type a blank.

e) Click the place you wish to put the blank and then click **Create Blank**.

f) Type the answer in the Response Text box.

The LearningCheck™ Creator places the answer in the Question Text box with a frame around it and displays the text in the List of Possible Responses.

7. To remove a blank, click the blank and then click **Remove Blank.**

8. Click the type of Response (Text, Number, or Pull Down).

For text responses, the **Text** button is automatically selected and the number of characters contained in the word you placed in the blank is automatically entered into Field Length and Maximum Characters.

For numeric responses, click the **Number** button.

To create a pull-down list of responses, click the **Pull Down** button.
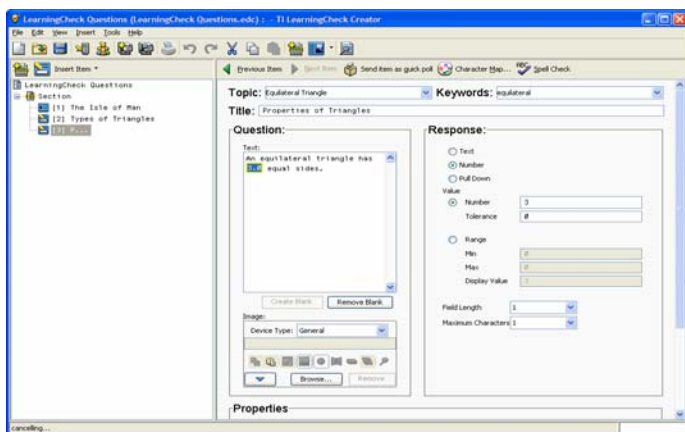
If you want to make the blank longer so that the size of the blank does not reveal the answer, change Field Length to a larger number.

9. If the question will include an image, insert the image into the Image area.

Creating a question with a numeric blank

1. Create a fill in the blank question and complete steps 1 through 4c.

2. In the Response area, click **Number**.

    The lower portion of the dialog box changes to reveal boxes for Number Tolerance and Range.

    Tolerance and *Range* are very similar, but your choice between these two fields will probably be based on which one is easier to specify. For example, if the question is "The value of pi is __" you might specify 3.14159265 as the correct answer with a Tolerance of .01. If the response to your question is a range of integers, then using Range (25 to 27, for example) might be easier.

3. If more than one value is acceptable for the answer, enter a Tolerance, or enter Range in the Minimum Value and Maximum Value boxes.

    If you want to make the blank longer so that the size of the blank does not reveal the answer, change Field Length to a larger number.

Creating a question with a pull-down blank

1. Create a fill in the blank question and complete steps 1 through 4c.

2. In the Response area, click **Pull Down**.
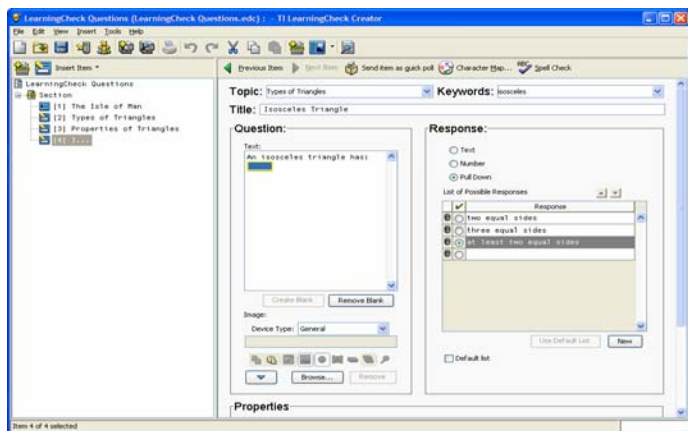
The text you selected for the blank appears in the List of Possible Responses.

3. To add additional responses to the pull-down list, click **New**, and then type the response in the next box.

   Note: To delete a response click 🗑 at the left of the response.

4. In the List of Possible Responses, click the button at the left of the correct response.

5. If this question includes multiple blanks and you want to use the same list for more than one blank, make the list a default list. Click **Default List**.

6. To use a previously created default list, create the blank and then click **Use Default List**.

   The list appears in the List of Possible Responses.

Adding a new open response question

1. In the Preview pane, click the Insert Item dropdown, and select 📄 **Open Response**.
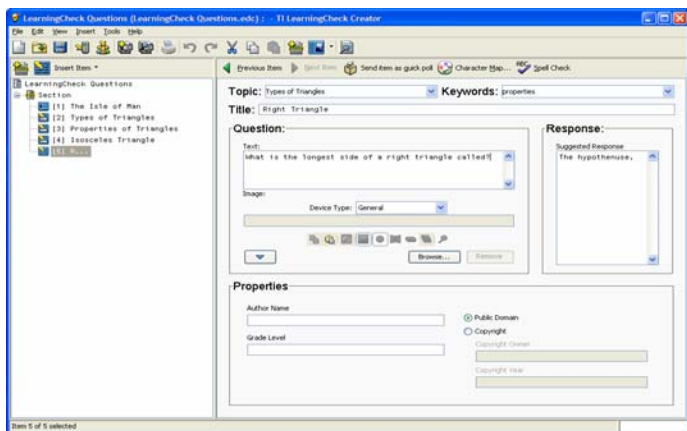
2. Type the topic of the question in the **Topic** field.

3. Type any keywords that relate to the question in the **Keyword** field.

    Note: The Topic and Keyword information is used by the Item bank to provide search criteria for finding questions. You must enter text in these fields for the question to be searchable in the item bank.

4. Type a title for the question in the **Title** box.

5. Type the question in **Text** box.

6. If the question will include an image, insert or copy the image into the Image area.

7. If you want to specify a Suggested Response, type it in the box.

Adding a new sequencing question

1. In the Preview pane, click the Insert Item dropdown, and select 🗐 **Sequencing**.

2. Type the topic of the question in the **Topic** field.

3. Type any keywords that relate to the question in the **Keyword** field.

    Note: The Topic and Keyword information is used by the Item bank to provide search criteria for finding questions. You must enter text in these fields for the question to be searchable in the item bank.

4. Type a title for the question in the **Title** box.

5. Type the question in **Text** box.

6. If the question will include an image, insert or copy the image into the Image area.

7. To create answer choices, click in the Response box and type the first response.

8. To enter additional responses, click **New**, and then type the response in the next box. (After you enter all of the responses, you will indicate the correct sequence.)

    Note: To remove a response, click 🗑 at the left of the response.

9. To specify the correct sequence, click the response you wish to move

    and then click ▲ or ▼ to move the response up or down the list.

    Note: If more than one sequence is acceptable, click **No Correct Sequence**.

10. Click **Generate Presentation Sequence**. The responses appear in random order in the **Presentation Sequence** box.

11. To change the presentation sequence, click the response you wish to move and then click ▲ or ▼ to move the response up or down the list.

Editing Presentation Sequence

When creating a sequencing question, you must click **Generate Presentation Sequence** to copy the answers from the Correct Sequence box into the Presentation Sequence box.

After the presentation sequence is generated:

• Clicking **New** adds a new response to the Correct Sequence box, but you must click **Generate Presentation Sequence** to copy it into the Presentation Sequence box.

• Clicking ▤ at the left of a response deletes the response from both boxes.

• Correcting a response in the Correct Sequence box also corrects it in the Presentation Sequence box (when you finish making the change).

If you add an answer to the Correct Sequence box and then close the question without generating the presentation sequence again, the number of answers in the Correct Sequence box will be different from the number of answers in the Presentation Sequence box. The LearningCheck™ Creator will automatically update and reorder the answers in the Presentation Sequence box.

Adding a new standard choices question

The standard choices question includes the following question types:

• True-False

• Yes-No

• Right-Wrong

• Agree-Disagree

• Always-Sometimes-Never

• Strongly Disagree-Somewhat Disagree-Neutral-Somewhat Agree-Strongly Agree

To add a new standard choices question to a section

1. In the Preview pane, click the Insert Item dropdown, and select ▦ **Standard Choices**.
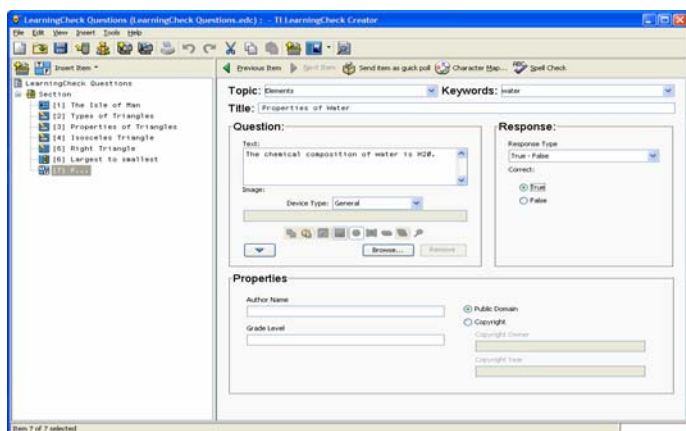
2. Type the topic of the question in the **Topic** field.

3. Type any keywords that relate to the question in the **Keyword** field.

   Note: The Topic and Keyword information is used by the Item bank to provide search criteria for finding questions. You must enter text in these fields for the question to be searchable in the item bank.

4. Type a title for the question in the **Title** box.

5. Type the question in **Text** box.

6. If the question will include an image, insert or copy the image into the Image area.

7. In the Response drop-down list, click the response type.

8. Click the button at the left of the correct response for the question.

Adding a new text and image item

The Text and Image item does not require a response, so you might use this for such things as instructions or questions for essay or classroom discussion.

To add a new text and image item to a section
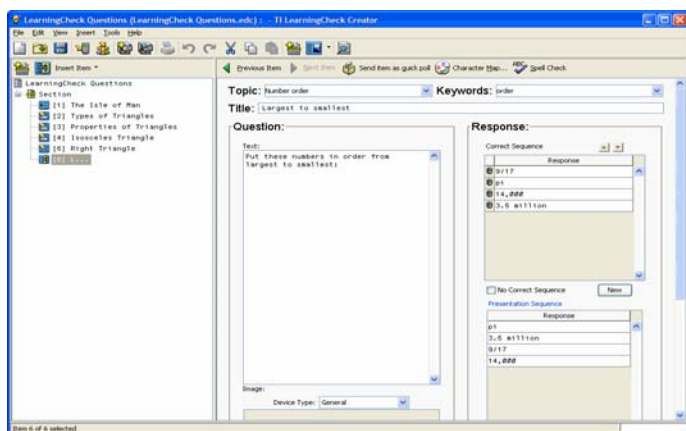
1. In the Preview pane, click the Insert Item dropdown, and select **Text and Image**.
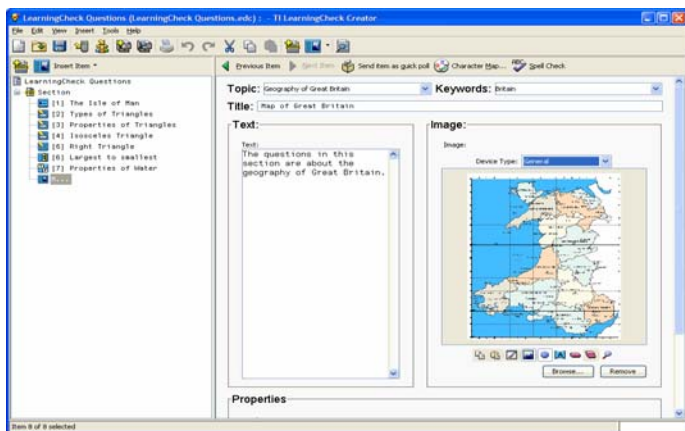
2. Type the topic of the question in the **Topic** field.

3. Type any keywords that relate to the question in the **Keyword** field.

   Note: The Topic and Keyword information is used by the Item bank to provide search criteria for finding questions. You must enter text in these fields for the question to be searchable in the item bank.

4. Type a title for the question in the **Title** box.

5. Type the question in **Text** box.

6. If the item will include an image, insert or copy the image into the Image area.

Saving a document

To save a new document

1. Click **File > Save** or click 🖫.

2. If you haven't entered a title for the document, LearningCheck™ Creator prompts you to enter a title. (This title will display in the handheld device's Assignment List.)

   ✏️ If you do not want to see this dialog box each time you save an unnamed document, click **Do not show this again**.

   • Type in a name for the document and click **OK**.

     or

   • Do not type in a name and click **Cancel**.

The Save As dialog box opens.

3. Browse to the folder where you want to save the file. LearningCheck™ Creator suggests a filename the same as the document name (if you entered one).

4. Click **Save** to accept the suggested filename or type in a new filename and click **Save**.

If you do not enter a title for the document but do enter a name for the file, LearningCheck™ Creator changes the document title to the same as the filename.

To save an existing document

▶ Click **File > Save** or click 📟.

Related Topics

You can also save a document with a new name. (See "Saving with a new name" on page 32.)

You can use **Save As** to create a new folder and save a document into it at the same time. (See "Creating a new folder" on page 33.)

When you edit a document from a zipped file (.TIP, .TIG, .ZIP), you *cannot* save the changes in the zipped file. You must save the document to a different location. (See "Editing a document in a zipped file" on page 28.)
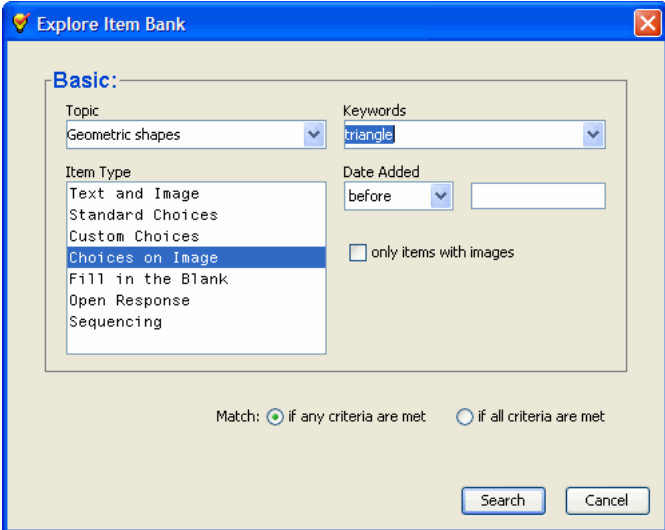
Adding questions from the Item Bank

The Item Bank stores questions from the LearningCheck documents you create, so you can re-use them. The Item Bank builds a list of topics and keywords based on the topics and keywords you assign to questions when you create them. You can find questions from previous documents using search criteria, and add them to your current document using the Item Bank. The questions are not removed from the earlier document, but are copied into the new document when you select and copy them from the Item Bank.

To locate a question in the Item Bank

1. Click **File > Open Item Bank** or click .

   The Explore Item Bank dialog box displays.

2. Use the **Topic** and **Keywords** dropdown menus to select terms to use to search for the question you want to find.

3. If you know the type of question, click to select it in the **Item Type** field.

4. If you know when the question was created, you can use the **Date Added** dropdown to specify a date, and whether the question was created before, after or on the date that you type in the field next to the dropdown.

   Note: Dates must be entered in the form of mm/dd/yy.

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5. Check the box next to **only items with images** to add that to the search criteria.

6. Click to select whether the search should return items if some criteria are met, or only if all criteria are met.

7. Click **Search**.

   The Item Bank returns a list of the items which meet the conditions you specified.

   Note: If the search does not return any results, click **Back to Search** and modify the criteria to try the search again.

Adding Selected Items to Assessment

1. Scroll through the list of questions to locate the one you wish to add to your document.

2. Click **Add selected items to assessment**.

   The item(s) is added to your document.
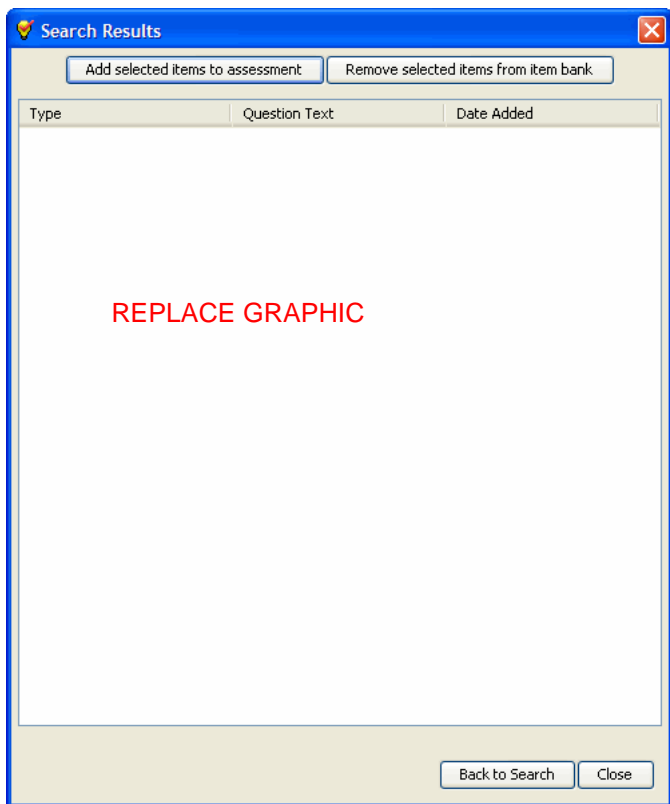
To close the Item Bank

▶ Click **File > Close Item Bank** or click 📧.

The Item Bank closes. If more than one Item Bank is open, the Item Bank that is in front closes.

Adding special characters to text

The TI Character Map allows you to insert symbols, punctuation, math symbols, special language characters, or TI-specific characters into text. You can add special characters to LearningCheck™ Creator questions, Class Analysis cells, and Transfer List application variable (AppVar) names.

To insert a character

1. Click to place the cursor in the text where you want to add the character(s).

2. Click .
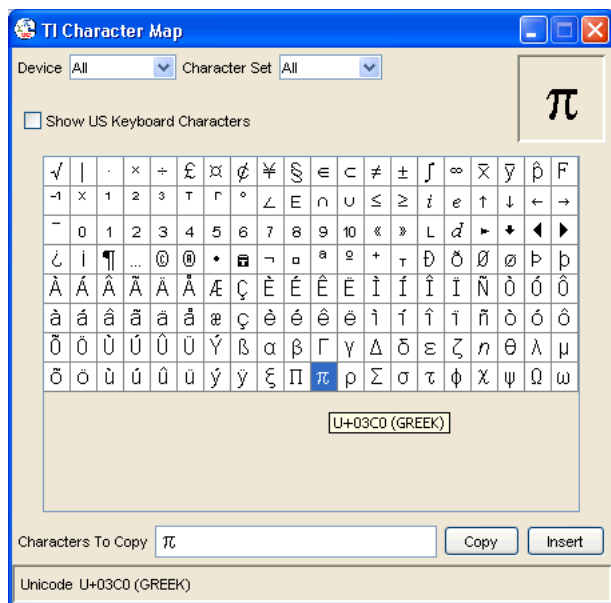
3. Select the Device (All, Common, TI-83 Plus, TI-84 Plus Family, TI-89 Family, TI-92 Plus, or Voyage™ 200) from the drop-down list.

4. Select the Character Set (All, Math, Punctuation, Symbol, Greek, French, German, or Spanish) from the drop-down list.

5. Click **Show US Keyboard Characters** if you want to see all of the letters and other characters from a standard U.S. keyboard

6. Click the character you want to add.

    The character displays in the Characters To Copy box.

7. Click **Insert** to place the character into the text, or click **Copy** to copy the character to the clipboard, and then paste the character into the text.

You can also select several characters and insert or copy them all at the same time.

ick the Window Close button to close the window.

When added to LearningCheck™ Creator documents, characters shown in gray on the character map may not display correctly on all devices. For example, the square root symbol may display as **_sqrt_**, or a character may look slightly different. Use Preview to see how the character is displayed.

In addition, Unicode characters not in the character map can be inserted into question text but will display as invalid characters (□) on the devices.

Adding topics and keywords

Topics and Keywords are used to search for questions or documents on a specific topic. You may add topics and keywords to any question or item.

When you add a topic or keyword to a question, that keyword is also added to the List of Topics and Keywords for the section that includes the question and the document that includes the question. (You cannot enter keywords directly into a section or document list.)

To add topics or keywords to a question

1. Double-click the question title in the preview pane to open the question.
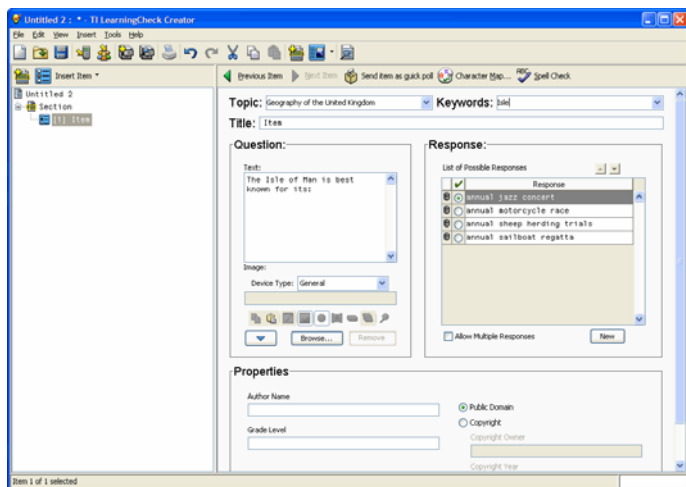
2. Type the topic or keyword in the dropdown field, or use the dropdown menu to select an existing topic or keyword.

   Note: To enter multiple keywords, separate them with a comma.

3. When the topic and keywords have been added, click **OK**.

Opening existing documents

The LearningCheck™ Creator lets you open one or more .EDC documents. In addition, you can open any .EDC file from Windows® Explorer by double-clicking the filename or icon.

You can also see the files in a zipped file (.TIP, .TIG, or .ZIP) and open a document from the zipped file without first unzipping the file. (See "Editing a document in a zipped file" on page 28.)

To open an existing document

1. Click **File > Open** or click 🖼️.

2. Select the document's profile in the User Profile Selection dialog box.

    🖊️ If you always use the same profile and do not want to see this dialog box each time you open a document, click **Do not show this again**. The next time you open a document, the User Profile Selection dialog box will not open. (However, this option is not available if you are using the *guest* profile.)

3. If necessary, navigate to the folder that contains your documents.

    *   If you have set a default directory in your User Profile, the Open dialog box shows the directory.

    *   If you have not set a default directory, the Open dialog box shows the directory of the last document you opened.

4. Click the document name(s).

5. Click **Open**.

    🖊️ he document(s) opens.

    🖊️ You can also open any document created by LearningCheck™ Creator (an .EDC file) by double-clicking on the file icon.

Adding a new question

To add a new question (or item) to a section

1. Click to highlight the section name.

2. Insert the new question using one of the methods described below:

    *   Click **Insert > Item** and then click the question type and template you want.

    or

    *   Click the question template icon.

3. Double-click to open the question.

4. Complete the dialog box for the question type you created. For additional information about specific items, click the appropriate cross-reference listed below.

5. Click **OK**.

Editing a question

To edit an existing question

1. Double-click the question to open it.

2. To change text, highlight the text you wish to change and type the new text over it.

3. To delete text, highlight the text and press the **Delete** key on your computer keyboard.

4. Click **OK**.

Editing a document in a zipped file

The LearningCheck™ Creator lets you see the files in a zipped file (.TIP, .TIG, or .ZIP) and open a document from the zipped file. It is not necessary to unzip the file before you open the document.

To open a document in a zipped file

1. Click **File > Open** or click .

2. In the Open dialog box, navigate to the folder that contains the file.

3. Click the filename.

4. Click **Open**.

    The zipped file opens. You can see the documents in the zipped file.

5. Click the document name.

6. Click **Open**.

    The document opens ready for editing in LearningCheck™ Creator.

    You can also select and open images from the zipped file.

To save a document from a zipped file

When you edit a document from a zipped file, you *cannot* save the changes in the zipped file. You must save the document to a different location.

1. Click **File > Save As** or click .

2. In the Save As dialog box, navigate to the location where you want to save the document.

3. Type a new name for the document in the File name box.

4. Click **Save**.

Checking spelling for the document

You can check spelling for a question, a section, or an entire document.

To check spelling from the main window

1. In the Navigation pane or the Content pane, click the question, section, or document.

2. Click **Tools > Spell Check** or click ^{ABC}✔.

3. Respond to the spell check messages as necessary.

To check spelling with a question open

1. Click **Tools > Spell Check** or click ^{ABC}✔.

2. To check only the Question tab, click **Current Tab**.

   or

   To spell check the Question, Properties, Hint & Feedback, Keywords, and Copyright information, click **All Tabs**.

3. Respond to the spell check messages as necessary.

Cutting, copying, and pasting questions or sections

fIf you are accustomed to cutting, copying, and pasting in Windows®, you will find the cut, copy, and paste functions in the LearningCheck™ Creator familiar. You can cut, copy, or paste a question, a section, or an image.

In addition, you can open multiple documents in LearningCheck™ Creator and then copy and paste images from one document into another.

To cut a question, section or image

1. Click the question, section, or image.

2. Click **Edit > Cut** or click ✂ .

To copy a question, section, or image

1. Click the question, section, or image.

2. Click **Edit > Copy** or click ▣.

To select multiple consecutive items for copying, hold **Shift** while selecting. To select multiple items that are not consecutive, hold **Ctrl** while selecting.

To paste a question or section

1. Click the question or section immediately above the location to which you want to paste.

2. Click **Edit > Paste** or click ▣.

To paste an image

1. Click the image area of the question into which you want to paste the image.

2. Click **Edit > Paste** or click ▣.

You can also use the standard keyboard shortcut keys for these operations (**Ctrl + X** to cut, **Ctrl + C** to copy, or **Ctrl + V** to paste).

To copy text from Microsoft® Word into a LearningCheck™ Creator question

1. In the Microsoft® Word document, select the text that you want to copy.

2. Click **Edit > Copy** or click ▣.

3. Go to the LearningCheck™ Creator.

4. Open the question to which you want to paste text.

5. Click to place the cursor in the text box.

6. Click **Edit > Paste** or click ▣.

There is a 64K limit on text pasted into a LearningCheck™ Creator document.

Moving a section or a question

You can use drag-and-drop to move one or more sections in your LearningCheck™ Creator document. You can also move one or more questions within a section or move them to a different section.

To move a section

1. In the Navigation pane, click the section to be moved.

   To move more than one section at a time, Shift + click each section.

2. Drag the section up or down to place it in the new location. A positioning line shows where the section will appear.

   Sections that are moved will automatically renumber themselves.

To move a question within a section

1. Click the question to be moved.

   To move more than one question at a time, Shift + click each question.

2. Drag the question up or down to place it in the new location. A positioning line shows where the question will appear.

   Questions that are moved will automatically renumber themselves.

To move a question to another section

1. Click the question to be moved.

   To move more than one question at a time, Shift + click each question.

2. Drag the question left into the Navigation pane to place it in the new section. A positioning line shows where the question will appear.

   Questions that are moved will automatically renumber themselves.

Deleting a section or a question

To delete a section

1. In the Navigation pane, select the section to be deleted.

2. Click **Edit > Delete** or click ✖.

To delete a question

1. In the Navigation pane or the Content pane, select the question to be deleted.

---

2. Click **Edit > Delete** or click ✖.

Renaming a section or a question

You may create documents using the default section and question titles (*Section 1* or *Item 1*), but you may find it easier to organize topics and questions if you assign section and question names that describe the topic.

To rename a section or a question

1. Right-click the section name or question name.

2. On the shortcut menu, click **Rename**.

3. Type the new name for the section or question.

4. Press **Enter**.

   You can give identical titles to more than one question or section.

Deleting a document

You must delete a document using Windows® Explorer. The file that you are deleting must not be open.

To delete a document

1. Open Windows® Explorer.

2. Navigate to the folder that contains the file.

3. Click the file.

4. Click **Edit > Delete** or click ✖.

Saving with a new name

You can copy a document by saving it with a new name.

To save the current document with a new name

1. Click **File > Save As** or click 🖫. (For a new document, **Save** works the same as **Save As**.)

2. In the Save As dialog box, navigate to the folder to which you want to save the document and type a new name for that file.

3. Click **Save**.

   You may want to save changes to the original document before using **Save As**. Otherwise, changes are saved in the copy but not the original.

Creating a new folder

You can use **Save As** to create a new folder (and save a document into it at the same time).

To create a new folder

1. Open the document you want to save.

2. Click **File > Save As** or click ![icon]. (For a new document, **Save** works the same as **Save As.**)

3. If you haven't entered a title for the document, LearningCheck™ Creator prompts you to enter a title. (This title will display in the handheld device's Assignment List.)

    ![pencil icon] If you do not want to see this dialog box each time you save an unnamed document, click **Do not show this again**.

    *   Type in a name for the document and click **OK**.

        or

    *   Do not type in a name and click **Cancel**.

    The Save As dialog box opens.

4. Browse to the folder where you want to save the file.

    ![pencil icon] If you do not navigate to another location, the New Folder will be created in the Document Directory location shown in your User Profile General tab.

5. Click ![icon].

    A folder named *New Folder* is created.

6. To rename the folder, click to select it and then click it again.

7. Type a new name for the folder and click **Open**.

8. LearningCheck™ Creator suggests a filename for the document that is the same as the document name (if you entered one).

9. Click **Save** to accept the suggested document filename or type in a new filename and click **Save**.

If you do not enter a title for the document but do enter a name for the file, LearningCheck™ Creator changes the document title to the same as the filename.

Using Undo and Redo

If you have worked with other Windows® programs, you are probably familiar with the Undo and Redo commands. Use Undo to undo the last action, and Redo to reverse an Undo command.

With the LearningCheck™ Creator, the actions that you can undo depend on whether you are working with text or objects. The number of actions that you may undo is limited only by the memory available on your computer.

To undo an action

▶ Click **Edit > Undo** or click.

To redo an action

▶ Click **Edit > Redo** or click.

Printing a Report

Use the Report Options dialog box to preview and print a document report. Four types of reports are available:

• **Answer Key** prints the items, choices and correct answer.

• **Assignment** prints the items and choices.

To print a report

1. Click **File > Print** or click.
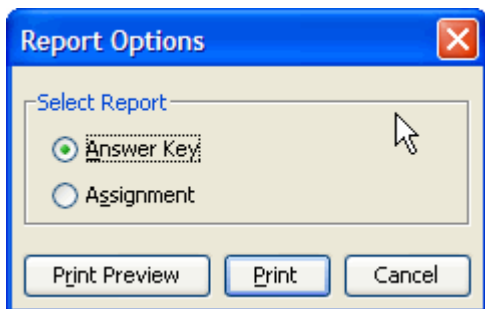
2. Select the type of report you want to print.

3. Click **Print**.

Preview paper version of assignment

1. Click **File > Print** or click 🖨.
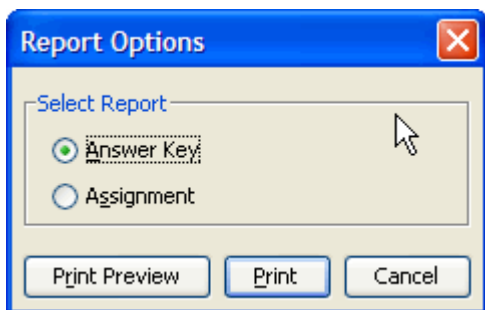
2. Select the type of report you want to preview.

3. Click **Print Preview** to see how the report will look.

4. Click 🖨 to print the report.

   or

   Click **Close** to return to the Report Options window.

Working with Images

This section describes basic procedures you will use to insert and edit images in a document.

- Image toolbar
- Adding an image to a question
- Scaling and cropping an image
- Adding a point or label
- Changing a point or label
- Deleting a point or label
- Editing an image

Image toolbar

The Image toolbar appears below the Image area in each question template.

The Image toolbar changes slightly depending on the type of question and the actions you need to take, but all of the icons are shown in the following table.

Icon	Name
△ or ▽	Expand or Collapse image area

Icon	Name
	Copy Image to Clipboard
	Paste Image from Clipboard
	Edit Image
or	Position Image Above/Below Text
or	Scale/Crop Image for Display on Device
	Add Points to Image
	Add Correct Points
	Add Incorrect Points
	Add Labels to Existing Points
	Erase Existing Points/Labels
	Clear all Points/Labels
	Zoom Image In/Out for Preview

Adding an image to a question

The LearningCheck™ Creator supports the following graphic image formats:

- Portable Network Graphics (.PNG)

- Windows bitmaps (.BMP) *except* compressed bitmaps

- Joint Photography Experts Group images (.JPEG)

- CompuServe graphics (.GIF)

- TI-83, TI-83 Plus, and TI-83 Plus Silver Edition images (.83i, .8xi, .PIC)

- TI-84 Plus and TI-84 Plus Silver Edition images (.83i, .8xi, .PIC)

- TI-89 Family, TI-92, TI-92 Plus, and Voyage™ 200 images (.89i, .92i, .9xi, v2i)

Other image file types may work in some instances, but are not supported. When you browse for files (step 3 below), only supported image types appear.

You can add an image into any of the LearningCheck™ Creator templates by either inserting the image file or by copying and pasting the image from another document.

To insert an image

You can insert an image file into a question, section, or document template.

1. If the template window is not already open, double-click to open the question or item.

2. In the Image area of the dialog box, click **Browse**.

3. Navigate to the folder where the image is stored, select the image, and click **Open**.

   The image opens in the Image area of the dialog box and activates the image toolbar.

4. If necessary, click the image position icon to indicate whether the image should be below the text or above the text.

   - 🖺 Places the image after the question text. This is the default choice.

   - 🖺 Places the image before the question text

   ✎ If you usually want the same image position, you can set it on your User Profile General tab. However, you can always change the image position in any question.

5. To add points and/or labels to the image, follow the instructions for the specific type of question.

To copy and paste an image

You can paste an image from the clipboard or copy and paste an image from any open document into a question, section, or document template.

1. If the template window is not already open, double-click to open the question or item.

2. Open the document from which you want to copy the image.

3. Click the image and then click **Edit > Copy** or click 🖺.

---

4. Click the image area of the question into which you want to paste the image.

5. Click **Edit > Paste** or click 📋 .

6. If necessary, click the image position icon to indicate whether the image should be below the text or above the text.

    *   📄 Places the image after the question text. This is the default choice.

    *   📄 Places the image before the question text

    ✎ If you usually want the same image position, you can set it on your User Profile General tab. However, you can always change the image position in any question.

After you insert the image, you can place points and/or labels on the image. You can also open MS Paint and edit the image.

Scaling and cropping an image

To scale and/or crop an image

1. Click the appropriate icon to scale the image or to scale the image and then crop it to fit the device screen.

    *   🖼 Scales down the image (and any points and/or labels) to fit the device screen. This is the default choice.

    *   🖼 Scales down the image and then crops it to fit the device screen. To make sure the viewable area includes the part of the image you want, preview the cropped image. (Cropping is necessary *only* when using captured device screens as images.)

2. To preview the image for the intended device, select the Device Type from the pulldown list (General, TI-83 Plus Family, TI-84 Plus Family, TI-89 Family, TI-92 Plus, or Voyage™ 200).

    ✎ Scaling and cropping apply only to the image sent to the device. The image saved in the edc file remains the original size.

Adding a point or label

You can add points to an image and label the points. The point tool lets you create points on any image. However, for a choices on image question, use the correct and incorrect point tools.

To add a point to an image

1. Open the question, section, or document that contains the image.

   The image opens in the Image area of the dialog box.

2. On the image toolbar, click ⬤ and then click the location of the point on the image. Repeat to create additional points.

   or

   For a choices on image question, click ✔ and then click the correct location on the image.

   To create additional points, click ✖ and then click other locations on the image.

3. To apply labels to the points, click 🅰 and then click on each point.

   The points are labeled **A**, **B**, **C**, and so on in the order in which you click them.

4. To move a point (and its label) to a different place on the image, click the point and drag it to the new location.

Changing a point label

You can change a point label by editing the label or by erasing and recreating the label.

To edit a point label

1. On the image toolbar, click 🅰.

2. Click the point or the point label you wish to edit.

   The label is highlighted.

3. Type a new label. Be sure to use uppercase letters.

4. Press **Enter**.

To erase a point label

1. On the image toolbar, click 🔴.

2. Click the label that you want to erase.

   The label is removed. You can now add a new label.

Deleting a point or label

You can delete a single point or label from an image or delete all the points and labels at once.

To delete a single point on an image

1. On the image toolbar, click .
2. On the image, click the point that you want to delete.

To delete a single label on an image

1. On the image toolbar, click .
2. On the image, click the label that you want to delete.

To delete all points and labels on an image

▶ On the image toolbar, click .

   The image remains, but all points and labels are erased.

Editing an image

The LearningCheck™ Creator allows you to open Microsoft® Paint and edit the image in a question, section, or document template.

To open the image editor

▶ On the image toolbar, click .

   Microsoft® Paint opens with the image file ready for editing.

To put the edited image back into the template

Saving the image in Microsoft® Paint does not change the image in the template image area. You must select the edited image and then copy and paste it into the question, section, or document template.

1. Click **Edit > Select All**.
2. Click **Edit > Copy**.
3. Click the image area into which you want to paste the image.
4. Click **Edit > Paste** or click .

To save the edited image

1. Click **Edit > Select All**.
2. Click **File > Save**.

3. Type in a name for the image file and click **OK**.

Saving the image in Microsoft® Paint does not change the image in the image area. You must copy and paste the edited image into the question, section, or document template.

Sending a LearningCheck Creator item as a Quick Poll

You can send a LearningCheck Creator question to your class as a Quick Poll. The TI-Navigator network must be available, and the class must be started.

1. Open the question you want to send as a Quick Poll.

2. Click **Send item as Quick Poll**.
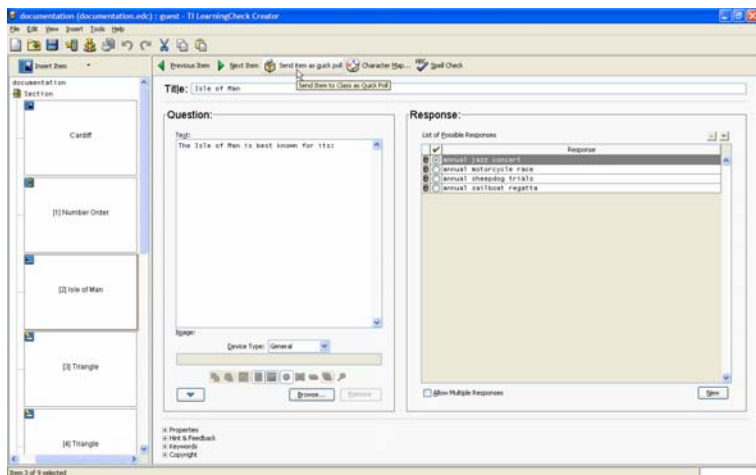
The question is sent to the class as a Quick Poll, and the Quick Poll tool window opens on your computer.
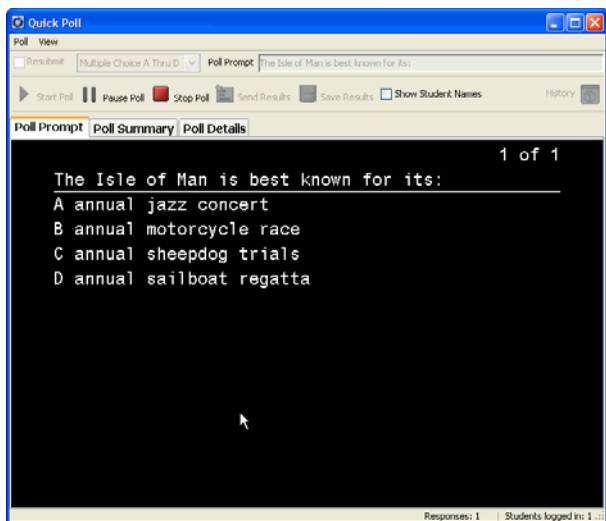
3. Click the **Poll Summary** tab to see student responses.
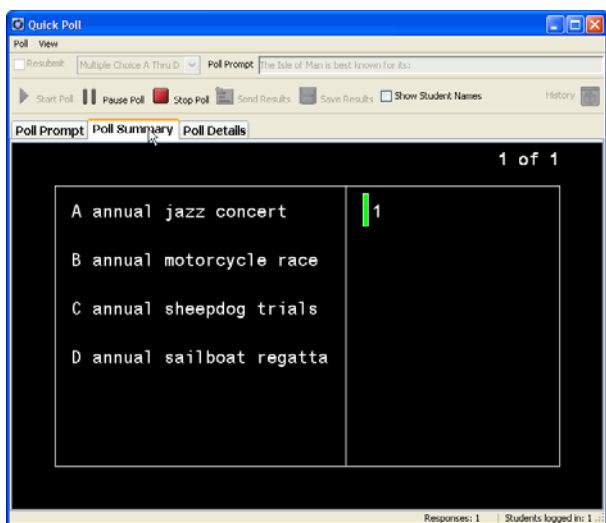
You can save this poll, and view the results just as you would any Quick Poll item. For more information about Quick Poll items, see The Quick Poll tool window and tabs.

Sending documents to calculators

This section describes basic procedures you will use to send a document to a calculator. You can send a document to a single device or you can send a document to all the devices in a classroom network.

• Checking AppVar size

• Sending a document to a calculator

• Sending a document to a classroom network

Previewing a document

You can use the LearningCheck™ Creator preview to see how a question, section, or document will look on a TI handheld device. The Preview window display will look and behave like the TI handheld device that you select.

You should save your document before previewing.

To preview a document

1. To view the entire document, click **Tools > Preview > Preview All**

    or click .

    or

    To view selected questions or sections, click the questions or sections and then click **Tools > Preview > Preview Selected** or click .

    The question, section, or document opens in a window similar to the device screen.
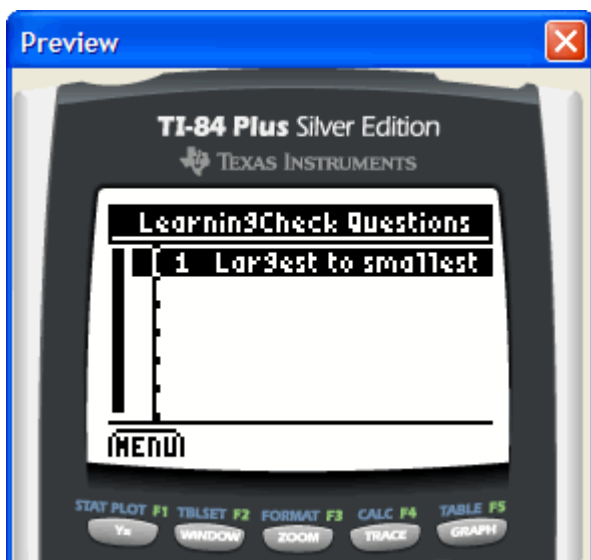
2. Use the PC keyboard and your mouse to simulate viewing the document on the device.

    • To select from a list or menu, press ▲ or ▼ to highlight the option you want, then click **ENTER**.

    • To see the rest of a question or response that is too large for the screen, press ▲ or ▼ to scroll through the text.

    • To press a soft key (**MENU**, **TAB**, **NEXT**, **BACK**) press the corresponding function key (**F2**, **F3**, **F4**, and so on) on your computer keyboard.

3. When you finish previewing the document you can close the Preview window, or, if you plan to preview additional documents, minimize the window.

Checking AppVar size

You can check the size of the application variable (AppVar) that will be created from the document before you send it to a TI calculator or classroom network.

To check AppVar size

1. Click **Tools>AppVar Size** or click .

2. Click the device name (TI-83 Plus Family, TI-84 Plus Family, TI-89 Family, TI-92 Plus, Voyage™ 200, or All Devices) in the menu.

   The AppVar Size box opens showing the AppVar size for the device(s) you chose.

3. When you finish viewing the information, click **Close**.

Sending a LearningCheck document to a calculator

To send the document to a TI calculator (TI-83 Plus/TI-84 Plus Families, TI-89 Family, TI-92 Plus, or Voyage™ 200 graphing handheld), you must have TI Connect™ installed and you must have a TI Connectivity Cable.

To send a document to a calculator

1. Connect one end of the TI Connectivity Cable to the appropriate port on your computer. (Connect a serial cable to the serial port; connect a USB cable to the USB port.)

2. Connect the other end of the TI Connectivity Cable to the port on the device.

3. In LearningCheck™ Creator, open the document that you wish to send to the device.

4. Click **File > Send To > Send to Device** or click .

   The Send to Device dialog box opens.
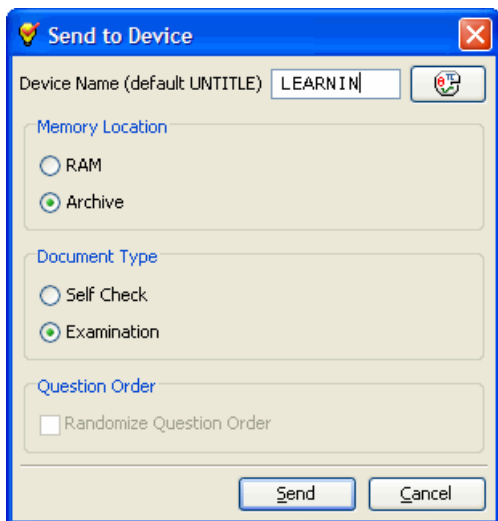
5. Select whether the document should be sent to the RAM or archive memory of the device, and select the document type.

6. Click **Send**.

7. The Select TI Device dialog opens, showing a list of the ports and the devices that are connected.

8. Select the device you want and click **OK**.

   Warning: Do not disconnect a TI Connectivity cable during a transfer.

Sending a document to a classroom network

To send the document to a classroom network, your computer must be connected to the classroom network.

To send a document to a classroom network

1. In the LearningCheck™ Creator, open the document that you wish to send to the class.

2. Click **File > Send To > Send to Class** or click ⬛.

   The Send to Class dialog box displays.
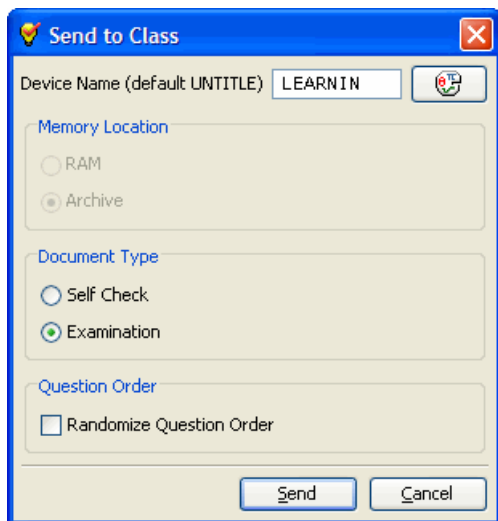
3. Select the document type.

4. Select **Randomize Question Order** if you want students in the class to receive the questions in a different order from one another.

5. Click **Send**.

   The file is sent to the class.

Troubleshooting LearningCheck Creator

This section provides problem-solving information for the TI LearningCheck™ Creator.

• Error messages

• Troubleshooting

• Frequently-asked questions

• System requirements

Error Messages

During the normal operation of the LearningCheck™ Creator software, you may receive an information or error message. Some of the software error messages and their possible remedies are given in this section.

Documents and images:

A document must contain at least 1 section. – You tried to delete the only section in the document.

Click **OK** to close the message box. Insert a new section in the document, then delete the section you wish to remove.

File not found. **–** LearningCheck™ Creator cannot find the file you wish to open.

Click **OK** to close the message box. Make sure the file name is spelled correctly and that the correct directory is selected.

One or more points are partially or completely outside the image. **–** One or more of the points and/or labels on the image cannot be displayed on the handheld device window.

Click **OK** to close the message box. Move the points and/or labels within the image.

There was an Internal Error with Appvar conversion. LearningCheck Creator was unable to convert the document to an Appvar. **–**

Click **OK** to close the message box. Save the document and exit LearningCheck™ Creator. Then re-open LCC and try again.

Communication:

There was an error sending to the device. Please ensure a device is present. **–** LearningCheck™ Creator cannot communicate with the device.

Click **OK** to close the message box. Make sure the device is firmly connected to the computer and try again.

There was an error sending to the class. **–** LearningCheck™ Creator cannot communicate with the classroom network.

Click **OK** to close the message box. Make sure the network is ready and re-send the document.

Unable to print report. **–** LearningCheck™ Creator cannot communicate with the printer.

Click **OK** to close the message box. Make sure the printer is ready to print and try again.

Cannot send to device because TI Connect™ application is not installed. Please reinstall TI Connect™. – You selected **Send to Device**, but TI Connect™ was not installed or was incorrectly installed.

Click **OK** to close the message box. Install TI Connect™.

TI-Navigator™ <or TI Connect™> is not properly installed. Please reinstall the application. – You selected **Send to Class**, but TI-Navigator™ (or TI Connect™) was incorrectly installed.

Click **OK** to close the message box. Reinstall TI-Navigator™ (or TI Connect™).

Troubleshooting

Problem: I am running Windows® 95 and the LearningCheck™ Creator will not launch.

If you are running Windows® 95 with 16 colors, the LearningCheck™ Creator will not launch. You will see an error message "You must be running in 256 color mode or higher. You can change the color depth from the Control Panel display icon." To correct the problem:

1. Click **Start menu > Settings > Control Panel > Display**.

2. On the Settings tab, change to High Color 16 bit or 256 Colors.

3. Click **OK**.

Problem: I cannot insert a new section in my document because the Insert Section icon and menu option are greyed out.

Select either the document or another section by clicking on it, then try again. The **Insert Section** option is not available when a question is selected.

Problem: How can I save my documents to my desktop?

To save a document to your desktop:

1. Click **File > Save** or click 🖫.

    The Save As dialog box opens.

2. Click **Desktop** in the Save As dialog box.

3. Click **Save** to accept the suggested filename or type in a new filename and click **Save**.

To save all of your documents to your desktop, set your user profile to show the Desktop as the Working Directory:

4. Open your user profile and go to the General tab.

5. In the Working Directory section, click 📥 beside the Document Directory field.

6. Click 📁 **Desktop**, and then click **Select**.

All documents created with this profile will be saved as icons on your desktop.

Frequently-Asked Questions

Q: Is the LearningCheck™ Creator replacing the StudyCards™ Creator?

A: No. TI will continue to support StudyCards.

Q: Can I convert a StudyCards question set into a LearningCheck document?

A: You cannot directly convert a StudyCards**™** Creator question set into a LearningCheck™ Creator document, but you can use **Copy** and **Paste** to copy the questions and answers into a LearningCheck™ Creator document. (See "Cutting, copying, and pasting questions or sections" on page 29.)

Q: Can I use the same LearningCheck™ Creator document on more than one handheld device?

A: Yes. A document created in the LearningCheck™ Creator can be made into an application variable (AppVar) for any of the supported handheld devices. (See "Sending a LearningCheck Creator item as a Quick Poll" on page 42.)

Q: How much text can I copy into a Text box?

A: There is a 64K limit on text pasted into the LearningCheck™ Creator. You should, however, consider the limitations of the device for which you are writing.

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This section contains important legal notices about this product. In it, you can find important information, service and support information, and the license agreement.

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Home Page:	education.ti.com
KnowledgeBase and e-mail inquiries:	education.ti.com/support
Phone:	(800) TI-CARES / (800) 842-2737 For U.S., Canada, Mexico, Puerto Rico, and Virgin Islands only
International information:	education.ti.com/international

For technical support

KnowledgeBase and support by e-mail:	education.ti.com/support
Phone (not toll-free):	(972) 917-8324

For TI-Navigator™ technical questions

E-mail:	ti-navigator@ti.com
Phone:	(866) TI-NAVIGATOR / (866) 846-2844

For product (hardware) service

Customers in the U.S., Canada, Mexico, Puerto Rico and Virgin Islands: Always contact Texas Instruments Customer Support before returning a product for service.

All other customers: Refer to the leaflet enclosed with this product (hardware) or contact your local Texas Instruments retailer/distributor.

TEXAS INSTRUMENTS

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The TI-Navigator™ 3.x license grants set forth below apply to the following TI software programs

acx_core.o	dbus kernel module	charger kernel module	switch kernel module
led kernel module	C/K USB module	?HubMgmt.so	

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