

Getting Started

Using the StudyCards Creator

How To...

- Create a Stack
- Add Images
- Add Text

More Information

Contact Customer Support

Important Information

Texas Instruments makes no warranty, either expressed or implied, including but not limited to any implied warranties of merchantability and fitness for a particular purpose, regarding any programs or book materials and makes such materials available solely on an "as-is" basis.

In no event shall Texas Instruments be liable to anyone for special, collateral, incidental, or consequential damages in connection with or arising out of the purchase or use of these materials, and the sole and exclusive liability of Texas Instruments, regardless of the form of action, shall not exceed the purchase price of this product. Moreover, Texas Instruments shall not be liable for any claim of any kind whatsoever against the use of these materials by any other party.

This software application is licensed. See the terms of the license agreement.



TI-GRAPH LINK, TI-Cares, and StudyCards are trademarks of Texas Instruments.

All other trademarks are the property of their respective owners.

What is the StudyCards Creator?

The StudyCards[™] Creator is a PC software program that teachers and students use to create stacks of electronic flash cards that can be viewed on the TI-73 or TI-83 Plus. Individual cards can contain text and images (bitmaps and calculator screen shots).

You can use the StudyCards Creator or TI-GRAPH LINK[™] to transfer stacks of cards from the PC to the calculator.

After you have transferred a stack to your calculator, you use the StudyCards Viewer calculator software application to view the cards. The StudyCards Viewer also tracks the answers given and displays results for individual cards as well as the entire stack.

TI thanks the 1998-1999 Carnegie Mellon HCI project team members for their contributions to the development of this product.

What You Will Need

To install and run the TI-73 / TI-83 Plus StudyCards[™] Creator, you need a computer with Windows[®] 95/98/2000, or Windows NT[®] installed.

To transfer files to your calculator and view stacks, you need:

 A TI-73 with version 1.40 or later of the Graph Explorer software. (To check the version, press 2nd [MEM], and then select About.) You can download a free copy of the latest Graph Explorer software from

<u>education.ti.com/softwareupdates</u>. Follow the link to Operating Systems.

-or-

A TI-83 Plus with version 1.10 or later of the operating system software. (To check the version, press 2nd [MEM], and then select **About**.) You can download a free copy of the latest operating system software from <u>education.ti.com/softwareupdates</u>. Follow the link to Operating Systems.

- TI StudyCards Viewer application for either the TI-73 or the TI-83 Plus.
- A computer with Windows[®] 95/98/2000, or Windows NT[®] installed.

- A TI-GRAPH LINK[™] computer-to-calculator cable. If you do not have this cable, call your distributor, or order the cable online from TI's online store at <u>epsstore.ti.com</u>. Follow the link to Computer Software, then TI-GRAPH LINK.
- TI-GRAPH LINK software that is compatible with the TI-73 or TI-83 Plus. You can download a free copy of TI-GRAPH LINK from <u>education.ti.com/softwareupdates</u>. Follow the link to Connectivity Software, then TI-GRAPH LINK.

Getting Help

To access the StudyCards[™] Creator built-in help, choose Help > Help Topics from the menu bar (or press F1) and select a topic.

Getting Started with the StudyCards Creator

Work through this exercise to become familiar with the basic features of the StudyCards[™] Creator and calculator application. In the exercise, you create a stack of cards that review the history of the Olympic games. After you create the stack, you can transfer the stack to your calculator and review the cards.

Creating the Stack of Cards

- 1. Launch the StudyCards Creator software application on your computer.
- 2. Select **Self-Check** in the New Stack dialog box.
- 3. Click **OK**.
- 4. Complete the fields on the top half of the screen with the following information:

Complete this field	With this information or value:
Stack title	olympics
Version no.	1.0
Created By	Your name

Complete this field	With this information or value:
Score Values:	
Right	10
Wrong	10
Skip	0
Create Date	Today's date

The bottom section of the screen is the Card Info section, where you create each individual card. For each new card, follow these instructions:

- 1. Complete the Name of Card field.
- 2. Place the cursor in the Front of Card field.
- 3. Type the text for the front of the card.
- 4. Place the cursor in the Back of Card field.
- 5. Type the text for the back of the card.
- 6. Click **New Card** to create another new card, if necessary.

Name of Card	Front of Card	Back of Card
rings meaning	What do the rings on the Olympic flag symbolize?	The 5 continents: Europe, Asia, Africa, Australia, America
ring colors	Can at least one of the ring colors from the Olympic flag be found in the flag of every nation?	Yes
motto	What is the Olympic motto?	Citius, altius, fortius (swifter, higher, stronger)
first olympics	Name the location of the first modern Olympics and the year in which it was held.	Athens, Greece 1896
women	In what games were women first included?	1900 Paris
torch	Where does the Olympic torch relay begin?	Olympia, Greece

Use the following table to create the stack of cards.

7. Choose **Stack > Save** to save the stack.

- 8. Select either **TI-83 Plus Appvar (*.8xv)** or **TI-73 Appvar (*.73v)** in the Save as Type field of the Save As dialog box.
- Note As a default, the file is saved in the folder with the StudyCards[™] Creator program. If you want to save it in a different folder, click the arrow next to the Save in field and select the correct folder.
 - 9. Click Save.

Transferring the Stack to Your Calculator

- 1. Connect the TI-GRAPH LINK[™] computer-to-calculator cable between your computer and calculator.
- **Note** When you installed the StudyCards Creator, you specified your calculator type, COM port, and link cable type. To change these settings, choose Link > Preferences, change the settings, then click OK.
 - 2. Choose Link > Send.
 - 3. Select olympics.8xv or olympics.73v.
 - 4. Click Send.

Now that you have completed the Getting Started example, you can read further to learn more about other StudyCards[™] Creator and Viewer features. For example, you can:

Add images to your cards

Create other types of stacks

Change existing cards

Starting and Quitting the StudyCards Creator

Starting the Application

You can start the StudyCards[™] Creator application using one of the following methods:

- Double-click the StudyCards Creator icon on your computer's desktop.
- Double-click StudyCards.exe from the Windows Explorer.
- Select TI StudyCards Creator from the Windows Start > Programs menu.

Quitting the Application

To quit the application, choose **Stack > Exit** from the menu bar.

Creating a Stack of Cards

The StudyCards[™] Creator gives you the flexibility to create different types of cards:

Stack Type	Description
Self-Check	User determines if the correct answer is given.
Self-Check with Levels	Levels of difficulty are assigned to each card. User determines if the correct answer is given.
Multiple Choice	Each card lists possible answers from which to choose. The StudyCards Viewer determines if the correct answer is given.
Multiple Choice with Levels	Each card lists possible answers from which to choose. Levels of difficulty are assigned to each card. The StudyCards Viewer determines if the correct answer is given.

You can assign a level of difficulty to both types of cards. Assigning levels of difficulty lets you study easier questions first, then progress to more difficult ones.

Using the StudyCards Creator Toolbar

The StudyCards[™] Creator toolbar contains many familiar icons as well as several new ones that pertain only to the StudyCards Creator software.



Using Shortcuts

The following shortcut keys can be used in the StudyCards[™] Creator:

Shortcut	Function
Ctrl-c or Ctrl-Ins	Copies highlighted text or graphics to the clipboard.
Ctrl-v or Shift-Ins	Pastes clipboard contents to the cursor location.
Ctrl-x or Shift-Del	Cuts highlighted text or graphics and places the text or graphics on the clipboard.
Ctrl-z or Alt-Backspace	Reverses the last action.
Ctrl-n	Displays the New Stack dialog box.
Ctrl-o	Displays the Open Stack dialog box.
Ctrl-s	Displays the Save Stack dialog box.
Ctrl-p	Displays the Print Stack dialog box.
Ctrl-i	Displays the Insert Bitmap/Screenshot dialog box.
Ctrl-f	Displays the Preferences dialog box.
Ctrl-I	Displays the List All Cards dialog box.
Ctrl-t	Displays the Send Stack dialog box.
Ctrl-r	Displays the Receive Stack dialog box.
Ctrl-PgDn	Displays the Next Card in the stack.
Ctrl-PgUp	Displays the Previous Card in the stack.
F1	Displays the online Help.

Using the StudyCards Creator

When you run the StudyCards[™] Creator program, the New Stack dialog box is displayed so that you can select the type of stack you want to create. After you choose a stack type, the StudyCards Creator main screen is displayed. The fields in the top section of the StudyCards Creator screen contain information about the entire stack. After you set up these stack properties, you can create individual cards in the Card Info section of the screen.

Note

The New Stack dialog box displays when you launch the StudyCards Creator. You can either select a stack type, or click **Cancel**. If you clicked **Cancel**, select **Stack > New** to redisplay the New Stack dialog box so that you can choose a stack type.



Setting Up Stack Properties

To set up the stack properties, complete the following fields in the top section of the screen:

Field Name	Description
Stack Title	Name for the stack that can have a maximum of 18 characters. When you save a stack, the first 8 characters are displayed as the default file name. You can change this name.
	The 8-character name (the default name or the name you choose) is the default name of the application variable (AppVar).
Version No.	Version number for the stack. It can have a maximum of 18 characters.
Created By	Name of person who created the stack.
Score Values	Value assigned to a correct or incorrect answer, or skipped card. Values can be any number from 1 to 100. Points are added to the score for correct answers. Points are subtracted from the score for incorrect answers or skipped cards.
Create Date	Date the stack was created.
Number of Levels	Number of levels of difficulty that the stack contains. This field only appears if the stack type is Self-check with Levels or Multiple Choice with Levels. A stack can have a maximum of 10 levels.

Creating Individual Cards

After you set up the stack properties in the top section of the screen, you are ready to create each individual card in the Card Info section of the screen. Individual cards can contain text, graphics, or a combination of text and graphics. You can use any bitmap image in the .bmp file format as well as calculator screen shots in the .8xi or .7xi file format.

The progress bar at the bottom of the screen shows stack size limits for each calculator (TI-73: 24K, TI-83 Plus: 64K) as well as the size of the current stack in relation to these limits.

- 1. Complete the Name of Card field.
- 2. Add text and/or images to the Front of Card field.
- **Tip** For multiple choice cards, list the choices in this field. Use numbers (from 1-9) instead of letters to identify the choices. The user will press the number key on the calculator that corresponds to the answer.
 - 3. Add text and/or images to the Back of Card field.
- **Tip** For multiple choice cards, list the answer in this field.

4. Complete the following fields, if necessary.

Field Name	Description
Number of choices	The total number of possible answers (1-9) displayed on this card. Only applies to multiple-choice cards.
The correct answer is	The number corresponding to the correct answer (1-9) for this card. Only applies to multiple-choice cards.
Level of difficulty	The difficulty level for this card (1-10), determined by the value entered in the Number of Levels field in the top section of the screen.



Options:

- To add a new, blank card to the stack after you add information to the current card, click **New Card**. The new card is added to the stack after the current card.
- To delete the current card, click **Delete Card**.
- To display the previous card in the stack, click < Prev.
- To display the next card in the stack, click > Next.
- To move between pages in the Front of Card or Back of Card fields, click ▲ or ▼.

Adding Text

- Enter a name for the card in the Name of Card field. This name appears in the Results table in the StudyCards[™] Viewer and in the List All Cards window in the StudyCards Creator.
- 2. Place the cursor in the Front of Card field and type the review text as you want it to appear on the calculator.

- 3. Place the cursor in the Back of Card field and type the answer text as you want it to appear on the calculator.
- Тір
- To move from the Front of Card field to the Back of Card field, press Tab.
- To move from Back of Card field to the Front of Card field, press Shift + Tab.
- To indent text in the Front of Card and Back of Card fields, press Ctrl + Tab.
- Text lines can extend beyond the boundaries of the Front of Card and Back of Card fields. The text automatically scrolls to the next page of the card when you reach the end of the current page. Use and to scroll up and down.

Adding Images

You can insert bitmap images (in the .bmp file format only) and calculator pic images (.8xi or .7xi) in individual cards. Images are automatically resized to fit the calculator screen. Depending on the original size of the image, resizing it could cause considerable loss of quality.

1. Place the cursor in either the Front of Card or Back of Card field where you want the image inserted.

- Click solution of the choice ch
- 3. Click the down arrow next to the Look in field and select the folder where the image is located.
- 4. Select the image file.
- **Tip** When you insert a screen shot, you have options to add a border around it, crop it, or shrink it. You must either crop or shrink screen shots so that the StudyCards[™] Viewer menu options can be displayed properly at the bottom of the calculator screen.
 - To draw a border around the screen shot, select Add a Border.
 - To remove a portion of the bottom of the screen shot so that it does not overlap the StudyCards Viewer menu options, select **Crop**.
 - To resize the screen shot proportionally so that the entire screen shot fits on the screen without overlapping the StudyCards Viewer menu options, select **Shrink**.
 - Click Insert. The image is inserted at the cursor location. You can now resize, reposition, and edit the image in the StudyCards Creator program.

Resizing, Repositioning, and Editing Images

You can resize, reposition, or edit images while you are creating the card. Keep in mind that text will not wrap around images. Any edits you make to the image are saved in the card, but are not saved in the original image file.

Action	Steps
Resize	1. Click the image to select it.
	 Click and drag any of the image handles (the black squares on the corners and sides of the image).
Reposition	1. Click the image to select it.
	 Click in the middle of the image and drag it to the new position. You can only move an image to a location where you have previously moved the cursor.
Edit	 Double-click the image. The image is opened in Microsoft[®] Paint.
	2. Edit the image.
	 Close the Microsoft Paint window. The image is automatically updated in the card. The original image file is NOT updated.

Saving a Stack

You can save a stack so that it can be viewed on either the TI-73 or the TI-83 Plus. To save a stack:

- 2. If necessary, complete the following fields and click Save.

Field Name	Description
Save in	Navigate to the folder where you want to save the stack.
File name	Name of the file.
Save as type	Select TI-83 Plus Appvar (*.8xv) to use the stack on a TI-83 Plus.
	Select TI-73 Appvar (*.73v) to use the stack on a TI-73.

Editing Cards

You can make changes to individual cards as well as the stack information at the top of the screen. Any change you make to the top part of the screen applies to the entire stack.

- Click or choose Stack > Open to open the stack you want to edit.
- 2. Click the down arrow next to the Look in field and select the folder where the stack is located.
- 3. Select the stack.
- 4. Click Open.
- 5. Click **Next** > and < **Prev** to find the card(s) you want to edit.
- TipYou can quickly display a card in a large stack without scrolling
through the stack using the Next > and < Prev buttons:</th>
 - 1. Click 🖻 or choose View > List All Cards to display a list of cards in the stack.
 - 2. Select the card you want to edit by either typing the card number or scrolling to it in the list.
 - 3. Click GoTo to display that card.

Options:

- To add a new card to the stack, click **New Card**. The new card is added to the stack after the current card.
- To delete the card that is currently displayed, click **Delete Card**.
- To cut text or graphics, highlight the text or graphics and click .
- To copy text or graphics to the clipboard, highlight the text or graphics and click 🛐.
- To paste text or graphics that you have either cut or copied, place the cursor where you want to insert the text or graphics, and click ¹/₁.
- To select text that begins on one page of the Front of Card or Back of Card and ends on another, press and hold down the Shift key on your keyboard, and then either press the up arrow or down arrow on your keyboard or use the mouse to select the text.
- To undo the last action, choose Edit > Undo.

Printing a Stack

The printing options that are available in other Windows[®] programs are also available in the StudyCards[™] Creator.

- To preview the printed cards in the stack, choose **Stack** > **Print Preview**.
- To change the printer, printer properties, or paper size, source, or orientation, choose **Stack > Print Setup**.
- To print the stack, click a or choose Stack > Print. You can change the printer or printer properties, choose to print to a file, choose the print range, and choose the number of copies to print. (Clicking a prints the stack without displaying the Print screen that allows you to change printing options.)

Sending and Receiving Stacks

Sending Stacks

You can send a stack from a PC to a TI-73 or a TI-83 Plus using the StudyCards[™] Creator or TI-GRAPH LINK[™]. You can also send a stack from one calculator to another using a calculator-tocalculator transfer.

Sending Stacks Using StudyCards Creator

- 1. Connect the TI-GRAPH LINK computer-to-calculator cable between your computer and calculator.
- 2. Start the StudyCards Creator program, and click **Cancel** in the New Stack dialog box.
- **Note** When you installed the StudyCards Creator, you specified your calculator type, COM port, and link cable type. To change these settings, choose Link > Preferences > Communication, change the settings, and then click OK.
 - 3. Click 🖻 or choose Link > Send.

- 4. Select the stack(s) to send. To select more than one stack, press and hold either the Ctrl key (to select individual stacks) or the Shift key (to select a range of consecutive stacks) on your keyboard while you select the stacks.
- 5. Click Send.
- Tip To send the stack that is currently open, click the Send button next to the stack title in the top section of the screen. The StudyCards[™] Creator does not save the stack on your PC before it sends the stack to the calculator. You must save the stack before you close the StudyCards Creator program, or all changes will be lost.

Sending Stacks Using TI-GRAPH LINK

- 1. Connect the TI-GRAPH LINK[™] computer-to-calculator cable between your computer and calculator.
- 2. Start the TI-GRAPH LINK program.
- Choose Link > Send (TI-73).or Link > Send to > RAM (TI-83 Plus).
- 4. Change the directory and drive as needed to locate the folder where the stack is saved.

- 5. Select the stack name in the File name field, and then click **Add** to add it to the File selected field.
- 6. Click **OK**.

Sending Stacks Using Calculator-to-Calculator Transfer

You can only transfer files between two TI-73 calculators or two TI-83 Plus calculators. You cannot transfer files between a TI-73 and a TI-83 Plus.

TI-73:

- 1. Connect the TI-GRAPH LINK[™] calculator-to-calculator cable between two TI-73 calculators.
- 2. On the receiving calculator, press APPS, and then select Link.
- 3. Press to select RECEIVE.
- 4. On the sending calculator, press [APPS], and then select Link.
- 5. Press or to select AppVars.
- 7. Press → to highlight TRANSMIT, and then select **Transmit**. The file is sent to the receiving calculator.

TI-83 Plus:

- 1. Connect the TI-GRAPH LINK[™] calculator-to-calculator cable between two TI-83 Plus calculators.
- 2. On the receiving calculator, press 2nd [LINK].
- 3. Press to select RECEIVE.
- 4. On the sending calculator, press [2nd] [LINK].
- 5. Press $\overline{}$ or $\overline{}$ to select **AppVars**.
- 6. Press riangleright or riangleright to move the pointer to the AppVar name, and then press ENTER to select it.
- 7. Press → to highlight TRANSMIT, and then select **Transmit**. The file is sent to the receiving calculator.

Receiving Stacks

Stacks are easy to share since they are saved as application variables (AppVars). You can use the StudyCards[™] Creator or TI-GRAPH LINK[™] to receive the AppVar from your calculator, making it easy for you to edit a stack that you did not create, or no longer have saved on your computer.

Receiving Stacks Using StudyCards Creator

- 1. Connect the TI-GRAPH LINK computer-to-calculator cable between your computer and calculator.
- 2. Start the StudyCards Creator program.
- **Note** When you installed the StudyCards Creator, you specified your calculator type, COM port, and link cable type. To change these settings, choose Link > Preferences > Communication, change the settings, and then click OK.
 - Click so or choose Link >Receive. The Receiving window is displayed.
 - 4. Select the folder on your computer where you want to save the stack. (You can click **Browse** to navigate to find the folder.)

- 5. Select the stack(s) to receive. You can select more than one stack to receive.
- Note All of the names of the AppVars on your calculator are displayed in the Receiving window. You can receive an AppVar that is not a stack, but you cannot open that AppVar with the StudyCards[™] Creator.
 - 6. Click OK.

Receiving Stacks Using TI-GRAPH LINK

- 1. Connect the TI-GRAPH LINK[™] computer-to-calculator cable between your computer and calculator.
- 2. Start the TI-GRAPH LINK program.
- 3. Choose Link > Receive.
- 4. Select the stack name in the File name field, and then click **Add** to add it to the File selected field.
- 5. Click **OK**.

Viewing Cards

To view cards, you must have the StudyCards[™] Viewer installed on your calculator. You can get a free copy of the StudyCards Viewer for the TI-73 or the TI-83 Plus from <u>education.ti.com/softwareupdates</u>.

See the TI-73 / TI-83 Plus StudyCards Viewer user guide at <u>education.ti.com/guides</u> for detailed instructions on viewing stacks on your calculator.

Deleting the Application

From the Start menu:

- 1. Select Programs > TI StudyCards Creator, and then select Uninstall TI StudyCards Creator.
- 2. Follow the onscreen instructions to uninstall the program.

From Windows® Explorer:

Select Program Files > TI Education >Uninstall >TI StudyCards Creator.

- 1. Double-click Setup.exe.
- 2. Follow the onscreen instructions to uninstall the program.

Texas Instruments (TI) Support and Service Information

For general information

E-mail:	ti-cares@ti.com
Phone:	1-800-TI-CARES (1-800-842-2737) For US, Canada, Mexico, Puerto Rico, and Virgin Islands only

Home page: education.ti.com

For technical questions

Phone: 1-972-917-8324

For product (hardware) service

Customers in the US, Canada, Mexico, Puerto Rico, and Virgin Islands: Always contact TI Customer Support before returning a product for service.

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

Texas Instruments StudyCards[™] Creator License Agreement

BY DOWNLOADING/INSTALLING THE SOFTWARE AND/OR DOCUMENTATION, YOU AGREE TO ABIDE BY THE FOLLOWING PROVISIONS.

- LICENSE: Texas Instruments Incorporated ("TI") grants you a license to use and copy the software program(s) and documentation from the linked web/CD page ("Licensed Materials").
- 2. **RESTRICTIONS:** You may not reverse-assemble or reverse-compile the software program portion of the Licensed Materials that are provided in object code format. You may not sell, rent, or lease copies that you make.
- 3. **NO SUPPORT:** The Licensed Materials are provided as a courtesy by TI; no support is provided other than the documentation.
- 4. **COPYRIGHT:** The Licensed Materials are copyrighted. Do not delete the copyright notice, trademarks, or protective notice from any copy that you make.
- 5. WARRANTY: TI does not warrant that the program or Licensed Materials will be free from errors or will meet your specific requirements. THE LICENSED MATERIALS ARE MADE AVAILABLE "AS IS" TO YOU OR ANY SUBSEQUENT USER.

Although no warranty is given for the License Material, the media (if any) will be replaced if found to be defective during the first three (3) months of use, when the package is returned postage prepaid to TI. THIS PARAGRAPH EXPRESSES TI'S MAXIMUM LIABILITY AND YOUR SOLE AND EXCLUSIVE REMEDY.

6. LIMITATIONS: TI MAKES NO WARRANTY OR CONDITION, EITHER EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, REGARDING THE LICENSED MATERIALS. RESTRICTED RIGHTS: The Licensed Materials are provided with Restricted Rights. Use, duplication, or disclosure by the United States Government is subject to restrictions as set forth in subparagraph [c](1)(ii) of the Rights in Technical Data and Computer Software clause at DFARS 252.227-7013 or in subparagraph [c](1) and (2) of the Commercial Computer Software – Restricted Rights at 48 CFR 52.227-19, as applicable.

IN NO EVENT SHALL TI OR ITS SUPPLIERS BE LIABLE FOR ANY INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES, LOST OF PROFITS, LOSS OF USE OR DATA, OR INTERRUPTION OF BUSINESS, WHETHER THE ALLEGED DAMAGES ARE LABELED IN TORT, CONTRACT OR INDEMNITY.

SOME STATES OR JURISDICTIONS DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION MAY NOT APPLY.

Page Reference

This PDF document contains electronic bookmarks designed for easy onscreen navigation. If you decide to print this document, please use the page numbers below to find specific topics.

Important Information	2
What is the StudyCards Creator?	3
What You Will Need	4
Getting Help	5
Getting Started with the StudyCards Creator	6
Starting and Quitting the StudyCards Creator	11
Creating a Stack of Cards	12
Creating Individual Cards	17
Saving a Stack	23
Editing Cards	24
Printing a Stack	26
Sending and Receiving Stacks	27
Viewing Cards	33
Deleting the Application	34
Texas Instruments (TI) Support and Service Information	35
Texas Instruments StudyCards™ Creator License Agreement	