

# TI-89/TI-92 Plus/Voyage™ 200 StudyCards™ Viewer

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The instructions in this guidebook refer to this Flash application only. For help using the TI-89 / TI-92 Plus / Voyage™ 200 personal learning tool (PLT), refer to the comprehensive guidebooks at [education.ti.com/guides](http://education.ti.com/guides).

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# What Is the StudyCards™ Viewer?

The StudyCards Viewer for the TI-89 / TI-92 Plus / Voyage™ 200 PLT lets you view electronic flash cards created using the StudyCards Creator software. Using the StudyCards Viewer, you can:

- [Study cards](#) at your own pace, choosing a [study mode](#) that works best for you.
- [Enter and check your answers](#). Depending on the study mode you select, the StudyCards Viewer lets you enter your answer and check it against the correct one.
- [Analyze the results](#). The StudyCards Viewer tracks responses and displays results for individual cards as well as entire stacks. [Sorting options](#) let you manipulate how results are displayed to help you determine strengths and weaknesses.

Use the StudyCards Creator software to create flash cards for any subject you choose, or download ready-to-use StudyCards stacks free from the Texas Instruments (TI) Educational & Productivity Solutions (E&PS) web site at [education.ti.com](http://education.ti.com).

StudyCards stacks are available in a range of topics, including art, economics, English, world languages, geography, history, math, music, and science.

Use the StudyCards Creator with a TI-GRAPH LINK™ cable to transfer card stacks from a computer to your handheld device. You can also use the TI-GRAPH LINK unit-to-unit cable to transfer card stacks from one handheld device to another.

The StudyCards Creator is available free from the TI E&PS web site at [education.ti.com](http://education.ti.com). For instructions on sending and receiving StudyCards stacks, see the StudyCards Creator Help included with the StudyCards Creator.

## Languages

This application is available in English, French, German, and Spanish. The corresponding language localization software must also be installed and running.

# Studying StudyCards™ Stacks

StudyCards questions and answers can be either [self-check](#) or [multiple-choice](#). Both types of cards can be grouped by their [levels of difficulty](#) in StudyCards Creator.

## Note

Levels of difficulty are set in the StudyCards Creator and cannot be altered in the StudyCards Viewer. To study cards as if levels were not assigned, press **[F1] 4:Format** to open the FORMATS dialog box and turn on the [Ignore Levels](#) format option.

## Opening a StudyCards stack

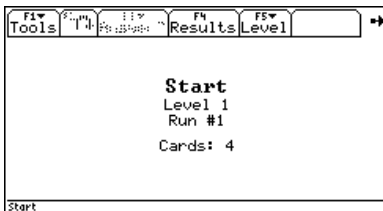
1. [Start](#) the StudyCards Viewer. The Stack Info screen appears.



[Score](#) values for:

- ✓ - Correct answers
- x - Incorrect answers
- - Skipped questions

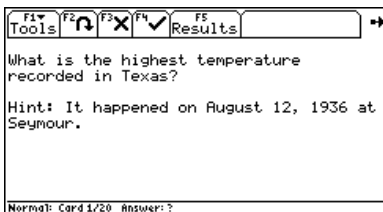
2. Press **[ENTER]**. A screen displays the study mode and the number of cards in the stack.



### Note

- In [Normal study mode](#), the next run number appears instead of the study mode name. For cards assigned [levels of difficulty](#), the next level number also appears.
- In [5 Box study mode](#), the next box number appears instead of the study mode name.

3. If necessary, press **[F1]** **4:Format** to [format](#) the StudyCards Viewer to your specifications.
4. Press **[▶]** to display the first card.

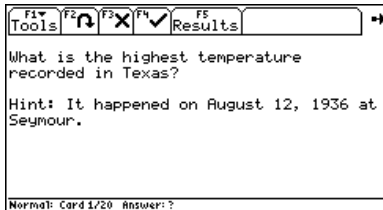


## Studying self-check cards

Self-check cards usually take the form of a question on the front of a card and an answer on the back. The StudyCards Viewer does not automatically check your answers to self-check cards as it does with [multiple-choice cards](#). If you want to record your [results](#) for analysis, you must enter the results manually.

To study a self-check card stack in [Normal mode](#):

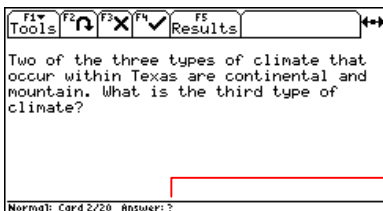
1. [Start](#) the StudyCards Viewer and [open](#) a self-check card stack in Normal mode.
2. Read the question on the card and consider the answer.



3. Press **F2** to display the correct answer on the back of the card.



4. To record your incorrect answer, press **F3**. To record your correct answer, press **F4**. The next card appears.



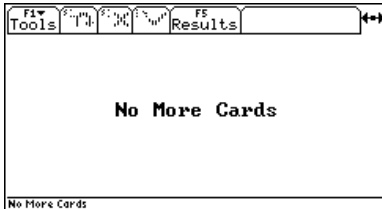
- ? – No answer recorded
- ✓ – Correct answer recorded
- x – Incorrect answer recorded

## Tip

- To skip to the next card without recording an answer, press **F3**.
- Your recorded answer appears on the status line the next time you view the card. A check mark (✓) indicates a correct answer; an x indicates an incorrect answer.



5. Repeat steps 2 through 4 for each card in the stack. Following the last card, a screen confirms that there are no more cards to view in this [run](#).

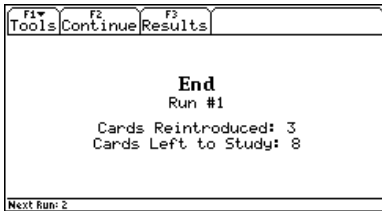


**Note** To return to the current run, press ⏪.

6. To continue the [study session](#), press ⏩.

For a new run, a screen displays the last run number and this information about the next run:

- Number of [cards to be reintroduced](#)
- Number of [cards left to study](#)
- Next run number



— or —

For a completed [study session](#), a screen confirms that all cards have been answered correctly.



7. To display the first card in the next [run](#), press **[F2]** and then **[▶]**.

— or —

To view [results](#) for the completed study session, press **[F3]**.

### Note

- To view results anytime during a study session, press the function key corresponding to the Results menu. From the results screen, press **[F3]** to return to the session.
- To start over with the same stack at the end of a study session, press **[F2]**.

## Studying multiple-choice cards

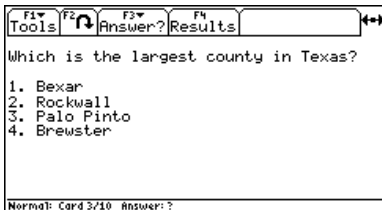
Multiple-choice cards usually present a question with several choices and the correct answer. Press the number key that corresponds to your answer. The StudyCards™ Viewer checks your answer automatically.

### Tip

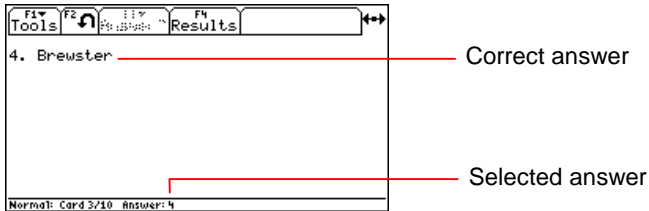
- If the list of possible answers begins with letters instead of numbers, press the corresponding number key, for example, 1 for a, 2 for b, 3 for c, and 4 for d.
- You can also press **F3** and select an answer from the Answer? menu.


To study a multiple-choice card stack without levels of difficulty in [Normal mode](#):

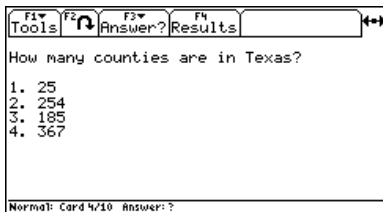
1. [Start](#) the StudyCards Viewer and [open](#) a multiple-choice card stack in Normal mode.
2. Read the question and the list of possible answers.



3. Press the number key that corresponds to your answer. The StudyCards Viewer checks your answer automatically and then displays it with the correct answer on the back of the card.




4. To display the next card, press .



5. Repeat steps 2 through 4 for each card in the stack. Following the last card, a screen confirms that there are no more cards to view in this [run](#).

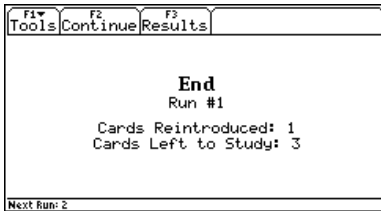


**Note** To return to the current run, press .

6. To continue the [study session](#), press .

For a new run, a screen displays the last run number and this information about the next run:

- Number of [cards to be reintroduced](#)
- Number of [cards left to study](#)
- Next run number



— or —

For a completed [study session](#), a screen confirms that all cards have been answered correctly.



7. To display the first card in the next run, press **[F2]** and then **[▶]**.

— or —

To view [results](#) for the completed [study session](#), press **[F3]**.

### Note

- To view results anytime during a study session, press the function key corresponding to the Results menu. From the results screen, press **[F3]** to return to the session.
- To start over with the same stack at the end of a study session, press **[F2]**.

## Studying cards with levels of difficulty

Using the StudyCards™ Creator, you can group cards by their level of difficulty. The goal of this study technique is to advance through all of the levels in a stack by correctly answering the required number of cards at each level.

To advance from one level to the next, you must answer roughly 80 percent of the cards correctly. After you have correctly answered the required number of cards in a level, pressing **F2** at the end of a run advances you to the next level.

When you fail to answer correctly the required number of cards, pressing **F2** at the end of a run starts the same level over again.

### Note

When 80 percent of the total number of cards in a level is less than a whole number, StudyCards Viewer uses the next lower whole number.

For example, if a level consists of four cards, you must answer three cards (75%) correctly before you can advance to the next level. If a level consists of two cards, you must answer one card (50%) correctly before you can advance.

To study a level out of sequence, press the function key corresponding to the Level menu and select a level.

To display [results](#) for the current level, press **[F3]**.

To ignore difficulty levels, press **[F1] 4:Format** and turn on the [Ignore Levels](#) format option.

**Note**

- When the StudyCards Viewer is set to any [study mode](#) other than [Normal](#), [difficulty levels](#) are ignored.
- Difficulty levels are set using the StudyCards Creator and cannot be altered in the StudyCards Viewer.



# Formatting the StudyCards™ Viewer

These options let you change the format of the StudyCards Viewer to your specifications.

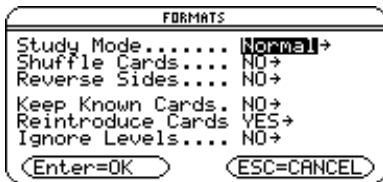
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<b>Option</b>	<b>Description</b>
Study Mode	In <a href="#">Normal</a> mode, you must answer all cards correctly. <a href="#">Test</a> mode delays answers and results until the test is over. In <a href="#">5 Box</a> mode, you must answer all cards correctly five consecutive times. <a href="#">Slide Show</a> mode lets you view cards without answering or recording results. Default: <b>Normal</b>
<a href="#">Shuffle Cards</a>	Changes the order of card presentation for each new run, test, box, and slide show. Default: <b>No</b>
<a href="#">Reverse Sides</a>	Reverses the information displayed on the front and back of cards. Default: <b>No</b>
<a href="#">Keep Known Cards</a>	For stacks without levels of difficulty in Normal study mode only. Prevents cards from being discarded at the end of runs. Default: <b>No</b>
<a href="#">Reintroduce Cards</a>	For stacks without levels of difficulty in Normal study mode only. Randomly reintroduces cards discarded in previous runs. Default: <b>Yes</b>
<a href="#">Ignore Levels</a>	Turns off the levels of difficulty assigned to a stack. Default: <b>No</b>

## Selecting format options

1. Press **F1** 4:Format.

**Tip** You can also use this shortcut: **♦** **I** (TI-89) or **♦** **F**.



2. In the FORMATS dialog box, use the cursor keys to select an option and open the menu.
3. Select a menu setting and press **ENTER**.
4. To save settings and close the dialog box, press **ENTER** again.

## Restoring default format options

Press **F1** 5:Restore Default Formats and then press **ENTER**.

## Using the Normal study mode

The default Normal study mode lets you set up a *study session* as a series of runs through a stack. A *run* occurs when you view each available card in a stack. Runs continue until every card is answered correctly, which completes the study session.

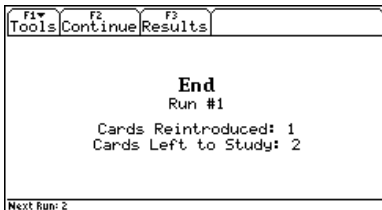
For a stack without difficulty levels (or when the [Ignore Levels](#) format option is turned on), all cards are available in the first run. After the first run, cards answered correctly are discarded and [reintroduced](#) at random in following runs. Following runs thus consist of cards from previous runs that have been answered incorrectly or answered correctly and then reintroduced.

At the end of each run, a screen displays this information:

- Run number (This is the number of runs that have occurred so far in the study session.)
- Number of cards to be reintroduced in the next run
- Cards left to study (Cards answered incorrectly in the previous run are included in the next run.)
- Next run number

### Tip

To prevent cards from being reintroduced, press **[F1] 4:Format** to open the FORMATS dialog box and turn off [Reintroduce Cards](#).



After all cards have been answered correctly, a screen confirms, ending the [study session](#).



To start the stack over, press **[F2]**. To view [results](#), press **[F3]**.

For a stack with [difficulty levels](#) (and with [Ignore Levels](#) turned off), the StudyCards™ Viewer sets up the first run (Run #1) through level 1 cards. When you correctly answer the [required number](#) of level 1 cards in the run, the StudyCards Viewer sets up the first run (Run #1) through level 2 cards.

When you fail to correctly answer the required number of cards in a run, the StudyCards Viewer sets up a second run (Run #2) through the same level 1 cards. Runs continue in level 1 until you answer the required number of cards correctly.

This same process occurs for each level in a stack until the required number of cards has been answered correctly at all levels.

### Tip

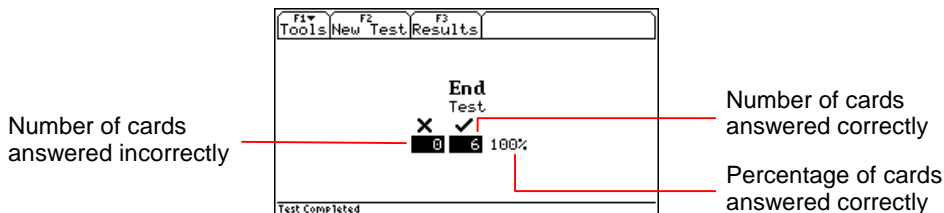
You can study levels out of sequence. For example, to skip level 1 and level 2 cards to study level 3 cards, open the Level menu and select level 3.

## Using the Test study mode

You can study cards as a test in which the correct answers and the results are unavailable until the test is over. All cards in a stack are included in the test, and difficulty levels are ignored. Press **[F1] 4:Format** and select the Test study mode.

- The number of times cards are answered or skipped does not count in the test score.
- Only final answers are counted in the test score.
- Unanswered cards are considered to be incorrect.

When you finish the test, the last screen displays the number of questions answered correctly (✓) and incorrectly (x) along with the score.



To take the test over, press **[F2]**. To view test [results](#), press **[F3]**.

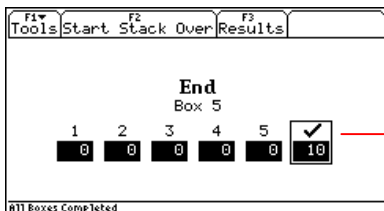
## Using the 5 Box study mode

You can configure cards to advance through a series of five stages, or *boxes*. The goal is to answer every question correctly five consecutive times. Press **[F1]** **4:Format** and select the 5 Box study mode.

- Each time you answer a question correctly, the card advances to the next box.
- Each time you answer a question incorrectly, the card returns to box 1 and starts over.

- When a question is answered correctly in box 5 (the last box), the card is discarded from the study session.
- You can advance from one box to the next only after all cards have advanced to the next box.

After you answer all of the questions in box 5 correctly, the last screen confirms that all boxes have been completed.



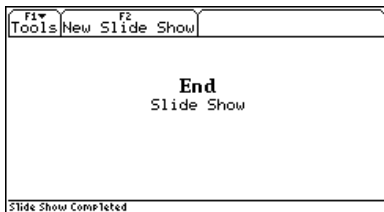
All 10 cards advanced through the five boxes.

To start the stack over, press **[F2]**. To view [results](#), press **[F3]**.

## Using the Slide Show study mode

To set up a slide show in which cards are viewed without answering questions or recording results, press **F1** **4:Format** and select the Slide Show study mode. All of the cards in a stack are included in the slide show. [Levels of difficulty](#) are ignored.

After all cards are viewed, the last screen confirms that the slide show is complete.



### Tip

Students can present “slides” to the entire class using the Slide Show mode with the TI ViewScreen™ overhead panel or TI-Presenter™ video adapter. (For more information about the ViewScreen overhead panel and TI-Presenter video adapter, visit the TI E&PS web site at [education.ti.com](http://education.ti.com).)



## Shuffle Cards

Press **[F1]** **4:Format** and [select](#) Shuffle Cards to change the order of card presentation at the beginning of each new [run](#), [test](#), [box](#), or [slide show](#).

## Reverse Sides

Press **[F1]** **4:Format** and [select](#) Reverse Sides to reverse the sides of a card on which information is displayed. For cards with a question on the front and answer on the back, selecting Reverse Sides displays the answer on the front and the question on the back.

Reversing sides can be an effective study technique. For example, if a vocabulary stack consists of Spanish words on the front and equivalent English words on the back, reversing sides will let you study from English to Spanish as well as from Spanish to English.

### Note

In the Test study mode, selecting Reverse Sides while a stack is open displays a message advising you that the stack must be restarted before the sides can reverse. Press **[ENTER]** to confirm the format change, or press **[ESC]** to cancel.

## Keep Known Cards

For stacks without levels in [Normal study mode](#), cards answered correctly during a run are discarded in following runs.

Press **[F1] 4:Format** and [select](#) Keep Known Cards to prevent cards from being discarded and thus view every card in every run. Study sessions continue indefinitely at your discretion.

## Reintroduce Cards

For stacks without levels in [Normal study mode](#), cards answered correctly are discarded and reintroduced at random in following runs. To prevent discarded cards from being reintroduced, press **[F1] 4:Format** and [turn off](#) Reintroduce Cards so that only cards answered incorrectly are studied in the next run.

## Ignore Levels

For stacks [with difficulty levels](#), press **[F1] 4:Format** and [select](#) Ignore Levels to study cards as if levels were not assigned.

### Note

Selecting Ignore Levels while a stack with levels is open displays a message advising you that the stack must be restarted before the setting can take effect. Press **[ENTER]** to confirm the format change, or press **[ESC]** to cancel.

# Analyzing Results

The StudyCards™ Viewer tracks your responses to cards and displays the following information for results analysis:

- List of cards in a [stack](#), [level](#), [box](#), or [test](#)
- Answers (correct, incorrect, or skipped) by card for each run through a stack, level, box, or test
- [Score](#) for the selected card (if available)
- Cumulative score for the stack (if available)

## Note

For cards in levels or boxes, only results for cards at the current level or box appear initially. To view results for other levels or boxes, press **⏪** or **⏩**.

This screen displays the results for a completed study session in [Normal mode](#) without levels.

Incorrect (x)  
Correct (✓)  
Skipped (→)

Cumulative test score

Tools	Sort...	Go Back	Title
X	✓	→	1 0 Parker's Fort
			2 1 0 Parker Colony
			1 1 0 Beyond Frontier
			1 1 0 Hostile Relations
			1 1 0 Confrontation
			0 1 0 Forewarned
			0 1 0 Attacking Tribes
			0 1 0 Number Killed
			0 1 0 Nixon's Actions

Score: 100/150 Card Score: 0/10

Cards listed by Title, Level #, or Box #

Press **↑** **↓** or **↑** **↓** to view more titles

Score for selected card

An analysis might suggest that additional study is needed:

- The **x** column reveals that five of the ten cards in the stack were answered incorrectly at least once.
- The selected card (Parker's Fort) was answered incorrectly three out of the four times viewed.
- One card (Parker Colony) was answered incorrectly twice.
- (Card Score: 0/10) The score for the selected card is 0 points out of a possible 10 points.
- (Score: 100/150) The score for the session is 100 points out of a possible 150 points, or 67 percent.

## Scoring

Score values are an optional feature determined when card stacks are created using the StudyCards™ Creator. The StudyCards Viewer does not calculate a score unless values are assigned in the StudyCards Creator. (For information on setting score values, see the StudyCards Creator Help available with the StudyCards Creator.)

To calculate the total score for a stack, the StudyCards Viewer sums the scores for every card in the stack.

To calculate the score for an individual card, the StudyCards Viewer uses these criteria:

- The value for a correct answer is added only once to a card's score, regardless how many times the card is answered correctly.
- The value for an incorrect or skipped answer is deducted from the card's score each time the card is answered incorrectly or skipped, down to a minimum score of 0.

## Sorting results

Use sorting options to manipulate how [results](#) are displayed and to help analyze the results of your study sessions. For example, sorting the results for each card by the percentage of incorrect answers is one way to quickly determine your weakest areas.

You can sort results in either ascending or descending order by:

- Incorrect answers
- Correct answers
- Skipped answers
- Card titles

- Percentage of incorrect answers out of the total number of answers

This example shows results for a study session using [multiple-choice cards](#). [Results](#) are sorted in ascending order by title.

F1	F2	F3
Tools	Sort...	Go Back
X	✓	→
		Title
0	1	0 Attacking Tribes
1	1	0 Beyond Frontier
1	2	0 Confrontation
0	1	0 Forewarned
0	1	0 Fort Houston
1	1	0 Hostile Relations
0	2	0 John's Fate
0	2	0 Kidnapped
0	1	0 Making Escape

Score: 100/150 Card Score: 10/10

To determine the most difficult cards, sort the same results in descending order by the percentage of incorrect answers:

1. Press **[F2]** **Sort**. The Sort dialog box appears.

Sort

Order: **Ascending** →

Sort By: ✓ →

2. Select **2:Descending** and press **[ENTER]**.

3. Select **5:% x** and press **[ENTER]** **[ENTER]**. Results are sorted in descending order by the percentage of incorrect answers.

F1	F2	F3
Tools	Sort...	Go Back
X	✓	→ Title
3	1	0 Parker's Fort
2	1	0 Parker Colony
1	1	0 Beyond Frontier
1	1	0 Hostile Relations
1	2	0 Confrontation
0	1	0 Forewarned
0	1	0 Attacking Tribes
0	1	0 Number Killed
0	1	0 Nixon's Actions

Score: 100/150 Card Score: 0/10

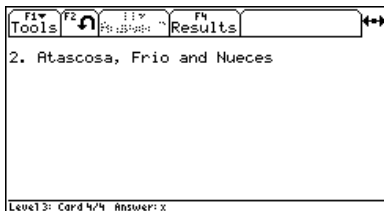
## Previewing cards

In addition to [analyzing results](#), you can use the results screen as a convenient way to preview any card in a stack.

1. From the results screen, select a card title and press **[ENTER]**.

F1	F2	F3	F4
Tools	↶	Answer?	Results
Three Rivers in South Texas was settled near the confluence of which rivers?			
1. Nueces, Rio Grande and Devil's			
2. Atascosa, Frio and Nueces			
3. Trinity, Neches and Brazos			
4. San Marcos, Comal and Colorado			
Level 3: Card 4/4 Answer: ?			

2. To preview the answer, press **F2**.



3. To return to the [results](#) screen, press **F4**.



**Note** ■ To return to the study session from the results screen, press **F3**. ■







# Navigating in the StudyCards™ Viewer

## Using menus to access options





Use StudyCards Viewer menus to open and format stacks and access information about stacks. Menus let you flip cards to view answers as well as access functions, such as study session [results](#), [sorting options](#), [runs](#), [difficulty levels](#), [tests](#), and [boxes](#).

StudyCards Viewer menus are located along the top of a screen. To select a menu, press the corresponding function key on your handheld device. For example:





- When you see , press  to display the back of a card.
- When you see , press  to display the front of a card.

## Navigating among cards in a stack

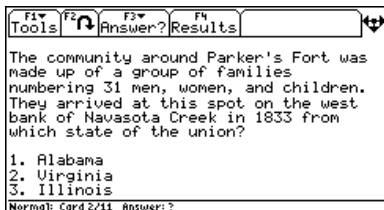
Use the cursor keys on your handheld device to navigate among cards in a stack:


- Press  or  to display the next or previous card.
- Press  or  to scroll up or down a card to view text that is too long to be displayed on a single screen.

## Note

On the TI-89 (as well as all devices in split-screen mode), a horizontal scroll bar appears at the bottom of the screen when a card is too wide for the screen. Press   to display the right side of the card; press   to return to the left side.

Arrows displayed in the upper-right corner of a screen point in the directions (left, right, up, and down) you can navigate.





The up arrow () does not appear when you are at the top of the screen.

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## Arrow Indicator    Meaning

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Press  to display the previous card. (When results are displayed for cards with levels of difficulty, pressing  displays the results for the previous level.)




Press  to display the next card. (When results are displayed for cards with levels of difficulty, pressing  displays the results for the next level.)



Press  to scroll down the card to view text.



Press  to scroll up the card to view text.

# Checking Status Information

The status line, located at the bottom of the screen, displays information about the selected card or stack.

## Card information

When a card is displayed, the status line shows the selected [study mode](#), card number, and answer.

**Normal: Card 1/11 Answer: 1**

Indicator	Meaning
<b>Normal:</b>	Indicates the selected study mode: Normal or Level # (for stacks with levels), Test, Box #, Slide Show.
<b>Card 1/11</b>	Indicates which card is displayed out of the total number in the <a href="#">run</a> , level, box, test, or slide show.
<b>Answer: 1</b>	<ul style="list-style-type: none"><li>For multiple-choice cards, indicates the most recent answer selected from the list of possible answers.</li><li>For self-check cards, a check mark (✓) indicates a correct answer; x indicates an incorrect answer.</li><li>If no answer is selected, a question mark (?) is displayed.</li></ul>

## Information at the end of a run or study session

If a study session is still in progress at the end of a [run](#), [level](#), or [box](#), the status line displays the number of the next run, level (Next Level: #), or box (Next Box: #).

```
Next Run: 2
```

After a study session is completed, the status line confirms the end of the test, slide show, or all runs (All Runs Completed), levels (All Levels Completed), or boxes (All Boxes Completed).

```
Test Completed
```

## Score information

When [results](#) are displayed, the status line shows the [score](#) for the card and the stack.

```
Score: 110/110 Card Score: 10/10
```

---

Indicator	Meaning
-----------	---------

Score: 110/110	Indicates the current score for the <a href="#">run</a> , <a href="#">level</a> , or <a href="#">box</a> out of the maximum possible for the session.
----------------	---

Indicator	Meaning
<b>Card score: 10/10</b>	Indicates the current score for the selected card out of the maximum possible for the selected card.

## Card preview information

In Test mode, the status line displays the selected answer for the [previewed card](#). For [multiple-choice cards](#), the correct answer for the previewed card also appears.

For all other [study modes](#), only the selected study mode name appears.

Preview: Test: Answer: 1 Correct: 1
-------------------------------------

Indicator	Meaning
<b>Preview: Test:</b>	Indicates the study mode for the card previewed: Normal or Level # (for stacks with levels), Test, or Box #.
<b>Answer: 1</b>	Test mode only. Indicates the most recent answer selected for the previewed card. A question mark (?) is displayed when no answer is selected.
<b>Correct: 1</b>	Test mode with multiple-choice cards only. Indicates the correct answer for the previewed card.

# Error Messages

Error Message	Description
<p data-bbox="190 165 433 253"><b>This stack can't be displayed. It has an unknown format.</b></p> <p data-bbox="190 296 282 316">— or —</p> <p data-bbox="190 357 498 445"><b>This stack can't be displayed. It contains an error.</b></p>	<p data-bbox="565 165 1060 253">Before opening a stack, the StudyCards™ Viewer examines the contents to verify that:</p> <ul data-bbox="565 284 1086 422" style="list-style-type: none"><li data-bbox="565 284 1051 311">• The file contains a StudyCards stack.</li><li data-bbox="565 330 1086 422">• Data contains no corrupt information that might cause the StudyCards Viewer to malfunction.</li></ul> <p data-bbox="565 453 1060 640">If validation fails, the stack will not open. If the last stack you opened before quitting the StudyCards Viewer fails validation when you restart the StudyCards Viewer, no stack will open and the splash screen will appear.</p> <p data-bbox="565 675 982 701">If you receive either error message:</p> <ul data-bbox="565 732 1086 916" style="list-style-type: none"><li data-bbox="565 732 1017 789">• Make sure the file is a StudyCards stack.</li><li data-bbox="565 812 919 839">• Try to open another stack.</li><li data-bbox="565 862 1086 916">• Make sure you have the latest version of the StudyCards Viewer.</li></ul>

<b>Error Message</b>	<b>Description</b>
<b>Error: Memory</b>	This message appears when the handheld device does not have enough Random Access Memory (RAM) to operate the StudyCards Viewer. If you receive this message, the StudyCards Viewer will exit.

# Installing the StudyCards™ Viewer App

Detailed Flash application installation instructions are available from [education.ti.com/guides](http://education.ti.com/guides).

You will need:

- A TI-89 / TI-92 Plus / Voyage™ 200 PLT with the latest Advanced Mathematics Software Operating System. Download a free copy from [education.ti.com/softwareupdates](http://education.ti.com/softwareupdates).
- A computer using either Microsoft® Windows® or Apple® Macintosh® operating system software.
- A TI-GRAPH LINK™ computer-to-calculator cable, available for purchase from the TI Online Store at [education.ti.com/buy](http://education.ti.com/buy).
- Either TI Connect™ software for the TI-89 / TI-92 Plus / Voyage 200 PLT or TI-GRAPH LINK connectivity software for the TI-89 / TI-92 Plus. Download a free copy from [education.ti.com/softwareupdates](http://education.ti.com/softwareupdates).



# Starting and Quitting the Application

The instructions in this guidebook refer to this Flash application only. For help using the TI-89 / TI-92 Plus / Voyage™ 200 PLT, see the comprehensive guidebook at [education.ti.com/guides](http://education.ti.com/guides).

## Starting the StudyCards™ Viewer

1. Press **[APPS]** and select **StudyCards**. The StudyCards menu opens with these options:
  - **1:Current** displays the last StudyCards stack viewed.
  - **2:Open** lets you open an existing stack.
  - **3:New** functions exactly as **2:Open**.
2. Select **1:Current**. The last StudyCards stack viewed appears.  
— or —  
Select **2:Open** or **3:New**. In the OPEN dialog box, select a folder and a stack, then press **[ENTER]**. The [Stack Info screen](#) displays information about the selected stack.

## Quitting the StudyCards Viewer App

Press **[2nd]** **[QUIT]** from any screen.

# Deleting an Application

Deleting an application removes it from the handheld device and increases space for other applications. Before deleting an application, consider storing it on a computer for reinstallation later.

1. [Quit](#) the application.
2. Press **[2nd]** **[VAR-LINK]** to display the VAR-LINK [ALL] screen.
3. Press **[2nd]** **[F7]** (TI-89) or **[F7]** to display the list of installed applications.
4. Select the application you want to delete.
5. Press **[F1]** **1:Delete**. The VAR-LINK delete confirmation dialog box appears.
6. Press **[ENTER]** to delete the application.

**Note**

You cannot delete archived or locked stacks. A stack is considered locked if it is currently running.

# Texas Instruments (TI) Support and Service

## 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](http://education.ti.com)

## Technical questions

**Phone:** 1-972-917-8324

## 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.

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