TI-Nspire™ Handheld Script

Using the CX keypad (Tutorial A1)

http://www.atomiclearning.com/k12/en/movie/85834/play_window?type=Tutorial&sid=2410

[00:00:00.00]
The TI-Nspire CX handheld has a unique keypad layout that
allows you to execute many functions very easily and quickly.

[00:00:09.00]
In the upper-right corner, you can see the Home key. You
can use this key to access the Home screen at any time.

[00:00:18.00]
Here you can Insert a new application, create or open a
document, change settings, and open a scratch pad for performing

[00:00:28.00]
quick calculations and graphs. In the top-center of the
keypad is the Touchpad. The Touchpad functions like a trackpad

[00:00:37.00]
of a laptop, allowing you to drag your finger across it
to move the cursor and drag items. There are several directional

[00:00:47.00]
keys on the edges of the Touchpad that allow you to move
your highlight, cursor, or object around on the screen

[00:00:55.00]
as well. The key in the center of the Touchpad is called
the Click button. This allows you to select items or highlighted

[00:01:04.00]
objects. In addition, you can also make selections by pressing
the corresponding number on the keypad that appears next

[00:01:12.00]
to the item. Along the bottom of the Home Screen are applications
you can add to a new document. I'll highlight each one

[00:01:22.00]
by pressing the right arrow key. First we have the Calculator
application, followed by Graphs, Geometry, Lists & Spreadsheet,

[00:01:34.00]
Data & Statistics, Notes, and the Vernier DataQuest application
for collecting data. The Enter key is used to evaluate

[00:01:46.00]
expressions, execute instructions, or select menu items.
I'll insert the Calculator application. . . Below the Home

[00:01:57.00]
key is the Doc key. Pressing this shows a menu with several
items, including the File and Edit menus. I want to change

[00:02:08.00]
the Page Layout here, so I'll choose Page Layout, Select
Layout, Layout 2. Now I can see another work area for my

[00:02:20.00]
new application. You can tell which application is active
by the black highlight. We can see that the Calculator

[00:02:29.00]
application is currently active. To the left of the Touchpad
is the Tab key. The Tab key is used for navigation in calculator

[00:02:38.00]
templates as well as navigation in Graphs, Geometry and
Data & Statistics. I can press Ctrl and then the Tab key

[00:02:50.00]
to switch focus to the new work area. Notice the black
highlight switches. I'll press Menu and insert the Graphs

[00:03:00.00]
application into a new work area. I'll press Ctrl-Tab to
move back to the Calculator application. Below the Doc

[00:03:13.00]
key is the Menu key. This brings up an application specific
menu from which you can choose the action or function you'd

[00:03:21.00]
like to access. Any menu item that has an arrow next to
it has more options in it. I'll choose Number, Fraction

[00:03:33.00]
Tools to reveal the Fraction Tools available. If I wanted
to access one of these features, I could choose it here.

[00:03:41.00]
I can make a selection from this menu by highlighting it,
and then pressing the Click button to return it to the

[00:03:49.00]
Calculator entry line. In the upper- left corner is the
Escape key. You can use this key to cancel some actions

[00:03:58.00]
in the entry line or to exit top-level menus. You can also
use the Escape key to back up in submenus. I'll press the

[00:04:10.00]
Menu key, then choose Number, Number Tools. If I want to
back up to the Number menu, I can press the Escape key

[00:04:21.00]
once, and I'll move back to that menu. If I keep pressing
Escape, I'll eventually move out of the menus and back

[00:04:31.00]
to the Calculator entry line. The button below the Escape
key brings up the scratchpad. The scratchpad allows you

[00:04:41.00]
to perform quick calculations and create graphs outside
the documents. This can be helpful when you just want to

[00:04:48.00]
test something before committing it to one of the applications,
or when you want to brainstorm some quick ideas. Once you're

[00:04:56.00]
done, press Escape to exit the Scratchpad and go back to
your document. The Control key is the blue key on the left

[00:05:07.00]
side of the keypad. You can use this in conjunction with
the other keys on the keypad to access the functions and

[00:05:16.00]
symbols displayed in blue above the key. I'll press Ctrl,
and then the Menu key to open a context-specific menu. This

[00:05:27.00]
menu will change based on what function or object I'm currently
working on, and give me options related to that function

[00:05:36.00]
or object. Here, you can see that I could do a variety
of functions, such as copy and paste or insert variables

[00:05:44.00]
and symbols. I'll press the Trigonometry key, and then
choose Sin by highlighting it and pressing the Click button

[00:05:55.00]
in the center of the Touchpad. If you need to undo an action
you've performed, you can press Ctrl, and then the Esc

[00:06:04.00]
key. This will undo the Sin that I entered into the Calculator.
As you can see, there are many more functions you can access

[00:06:14.00]
using the keys. You can learn about some of these features
and commands within each application by watching additional

[00:06:23.00]
tutorials.

[00:06:26.00]