TI-Nspire™ Software Script

Creating a Question with TI-Nspire™ Teacher Edition software (Tutorial G2)

http://www.atomiclearning.com/k12/en/movie/86430/play_window?type=Tutorial&sid=2421

[00:00:00.00]
The Question application allows a teacher to create a variety
of question types, including open response and multiple-

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choice questions. Once created, you can have individual
students answer the questions and either send them to you

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for review and assessment using connectivity software like
TI-Nspire Navigator, or self-check their answers, depending

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on the properties you set. If you are using TI-Nspire Navigator,
multiple-choice questions can be graded automatically by

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the software. To create a new question, click Insert, and
choose Question. In the dialog box, you can choose the

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appropriate question/answer format. I'll choose True/False,
and click Insert at the bottom. Next, enter the question

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or statement. You can see that I have a significant amount
of room, so you have plenty of space to craft your question.

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If you've chosen a multiple-choice format, you can designate
the correct answer by moving over to the Document Tools,

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and under Configuration, Correct Answer, clicking on the
checkmark that signifies the correct answer. This particular

[00:01:11.00]
statement is true, so I'll click that checkmark. Now that
we've created the question, I'll hide the correct answer

[00:01:19.00]
by clicking the triangle next to "Correct Answer." I don't
want the students to see which answer is correct before

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they've had a chance to review the options for themselves.
Under Multiple Choice Properties, I don't want to have

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multiple responses, so I'll make sure I have the Response
Type set to Single Response. Now let's go up and click

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on the Teacher Tool Palette, and choose Question Properties.
This will open the Question Properties dialog box. Here

[00:01:49.00]
I can enter the author, copyright, year, and owner of the
question. Notice that this is not global information, but

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rather it's assigned to each question, so if this information
is required for multiple questions in your document, you

[00:02:06.00]
must enter this for each question separately. For this
example, I'll leave those blank. Under Document Properties,

[00:02:14.00]
If I want to review each students' answers, I can choose
Exam. This will save the students' answers for my review.

[00:02:22.00]
If I'd rather allow the students to use these questions
as a study-aid, and check if their responses are correct,

[00:02:29.00]
I can choose Self-Check. I'll choose Self-Check. Once
you've got all of that set, click OK. Let's enter another

[00:02:38.00]
question in a different format. I'll go to Insert > Question
to insert another Question page, and this time I'll choose

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the y= question format. Now I'll type my question here.
Just as with the True/False question, I can see the properties

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for my question in the Configuration area within the Documents
Toolbox. I'll check the box to include a Graph Preview.

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Having a visual representation of my two points will be
helpful for students, so I'll use the tools to plot the

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two points, and then I'll right-click each point to add
and adjust the coordinates to match the question. In the

[00:03:21.00]
Correct Answer section at the bottom of the Documents Toolbox,
I'll type the accepted response, and then check the box

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to accept equivalent responses automatically. To see how
this works, first I'll switch my view so we can see the

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question as a student would see it on his or her handheld.
I'll choose an incorrect response and test it, so I'll

[00:03:46.00]
enter an incorrect answer. Now, I'll press Menu, and then
select Check Answer and choose Check Answer. In this dialog

[00:03:55.00]
box, I can see that I'm told the answer is incorrect, and
I can either try again or reveal the correct answer. I'll

[00:04:03.00]
choose Show Correct Answer. This will reveal the correct
equation below my answer. Multiple Choice formats will

[00:04:11.00]
use a checkmark to display correct answers. If I want to
clear out that response, I can press Menu, select Clear

[00:04:19.00]
Answers and choose, in this case, Clear Current Question
Answer. This will reset my question, and I can either save

[00:04:28.00]
it and send it out to the students, or continue working
on my document.

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