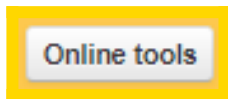


03.D.7 How to create Math CBT Assessments in eDoctrina

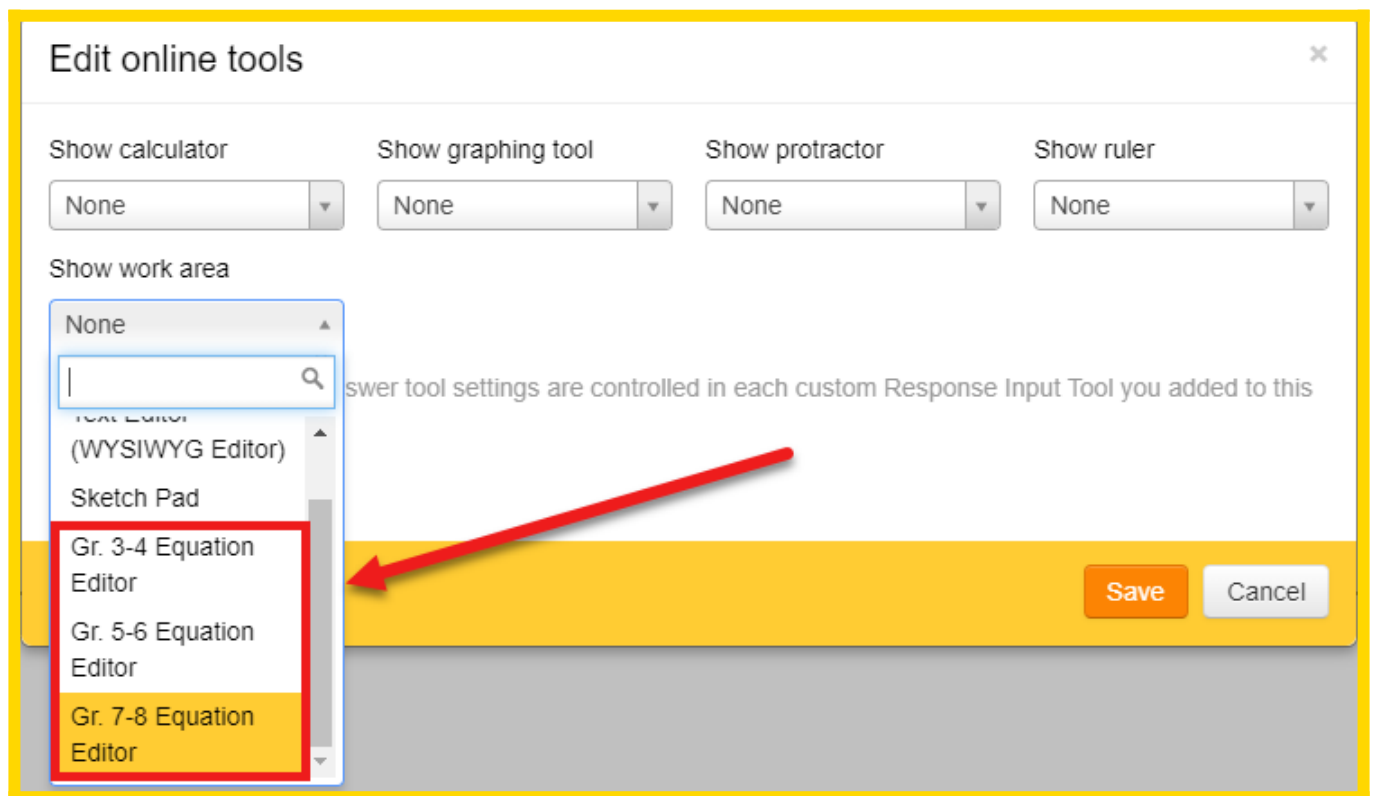
There are a variety of features in the eDoctrina Assessment Editor that support building online assessments to mirror New York and other state Computer Based Testing (CBT) assessments.

Grade Specific Equation Editors

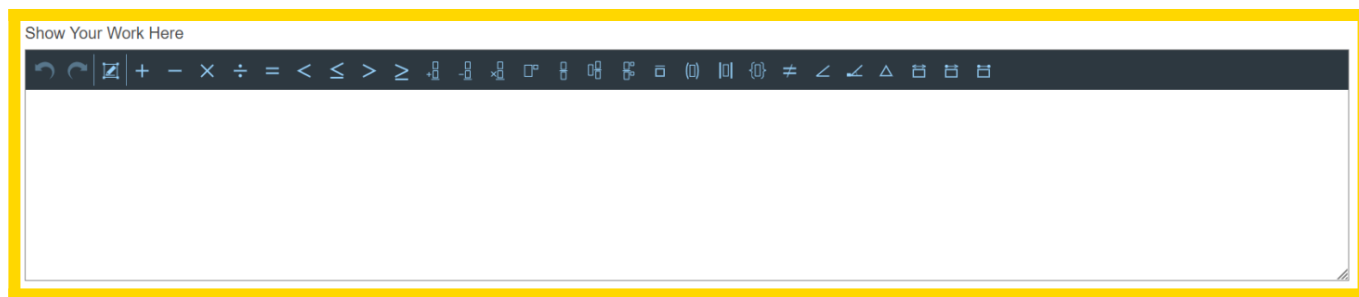
The newest and most relevant features are the grade-specific equation editors which can be attached to any question through the Online Tools button.



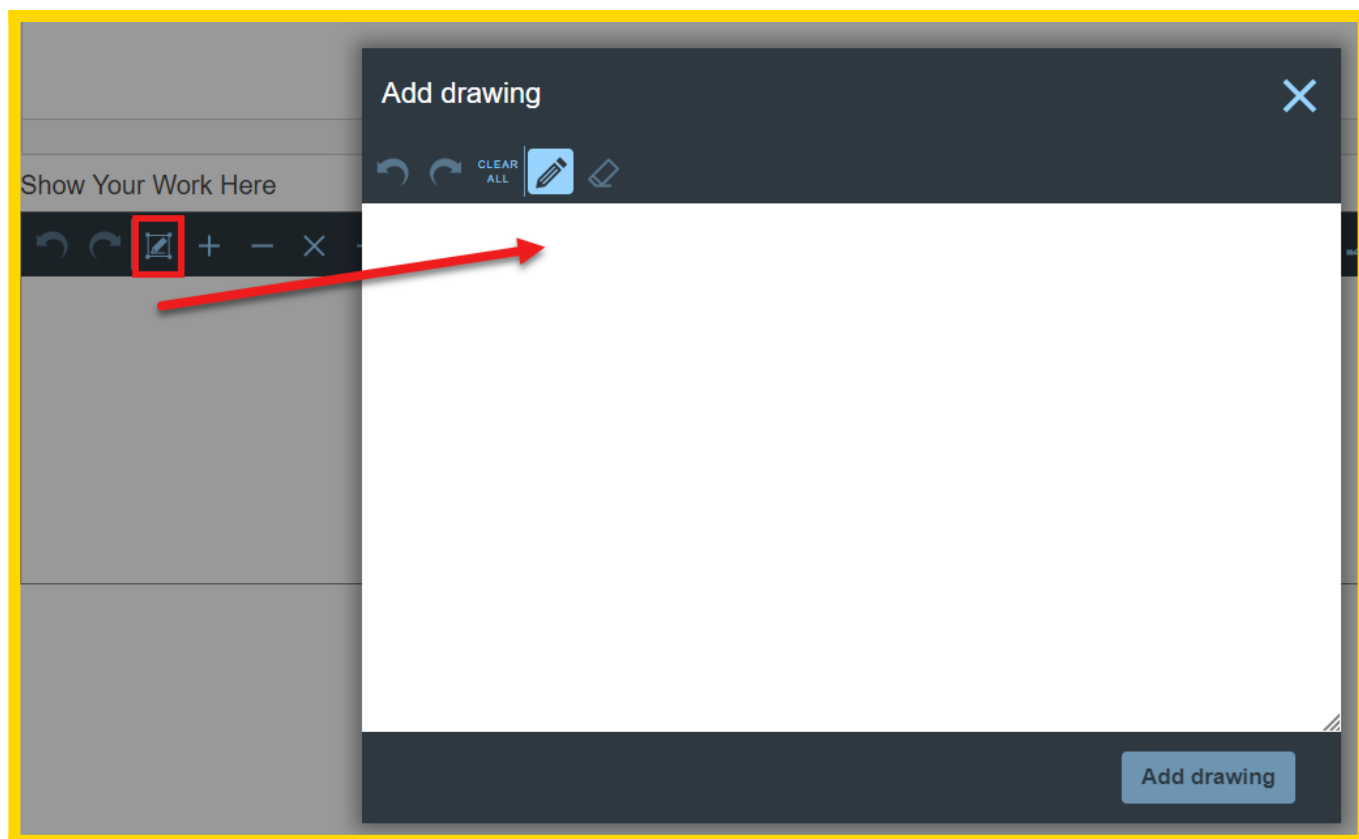
Equation editors for grades 3-4, 5-6, and 7-8 as well as other online assessment tools are available.



Here is an example of the Gr. 5-6 Equation Editor from the student view:



The drawing feature within the grade-specific equation editor includes the option for students to attached "drawings" to their work:



This drawing feature has been designed to allow students to add up to 5 separate drawings. After the 5th drawing has been added, the drawing option will be greyed out so it cannot be selected.



Online Tools

There is also a sketchpad tool located in this drop down menu that users can insert an image into. Students taking an online assessment will be able to draw on the image.

Sketchpad images (and other short student responses) will be saved and accessible to grade on the Teacher Completed test(s) (GRADE button on the Teacher Dashboard) and Answer entry/verification screens (CHECK button on the Teacher Dashboard) in the following locations:

- **GRADE** - Teacher completed test(s)

The screenshot displays the 'Student Response Grader' interface. On the left, a table lists students and their scores. The main area shows a detailed view of a student's response to a question. Two red callout boxes with arrows point to specific areas: one points to the 'Assign grade to student work here' section, and the other points to the 'Teacher can leave a comment or feedback here' section.

Students	Answer	Score	Assessment has 14 question(s)
AccardoAdolph	13	11/27	40.74%
Accardo, Adolph			
AchenbachAngella	13	8/27	29.63%
Achenbach, Angella			
AdamsonAmy	13	11/27	40.74%
Adamson, Amy			
AlejandroAntony	11	8/27	29.63%
Alejandro, Antony			

#511878 Online Assessment Example (Training-Do not Delete - Border)

Question: Color in a shape that has an area of 15.

Student Response: [Redacted]

Teacher Comment: [Redacted]

Assign grade to student work here

Teacher can leave a comment or feedback here.

- **CHECK** - Answer entry/verification

Answer entry/verification

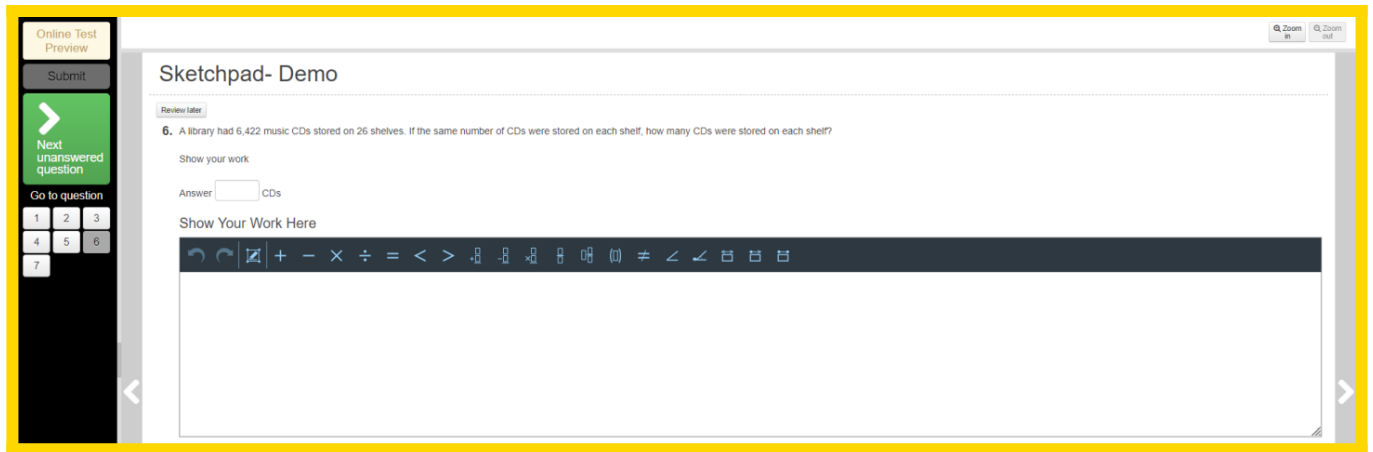
#511878 Online Assessment Example (Training-Do not Delete - Border)

District: Super User Training District, Classes: Data Reporting Class 01, Data Reporting Class 02

Student Response Grader
Open Item Response
Copy/Move Data
Key
Close

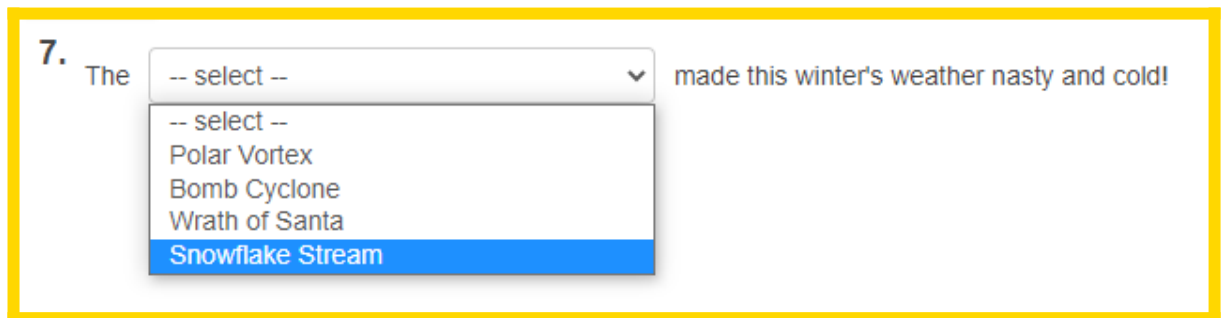
Re-submit Fill-In-The-Blank Questions
Scan answers via Web camera

Student	Ans	Com	Ref	Abs	Ver	Min/Max	1	2	3	4	5	6	7	8	9	10	11	12	13	14	
ANSWER	Scr.	% Sht	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Min	Max													
Avg. %	35.19						0	100	0	100	75	0	25	0	0	75	0	66.67	0	0	
Accardo, Adolph	40.74		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Min	Max	0	b		c	a	0	0	0	d	0	3		1
Achenbach, Angella	29.63		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Min	Max	0	b		c	a	0	0	0	d	0	2		1
Adamson, Amy	40.74		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Min	Max	0	b		c	a	0	0	0	d	0	3		1
Alejandro, Antony	29.63		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Min	Max	0	b		c	a	0	2	0	0	0	0		1

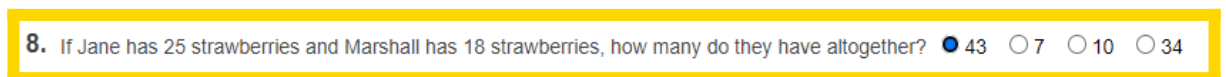


The following text box short cuts will need to be entered manually into the question text field for multiple choice question types:

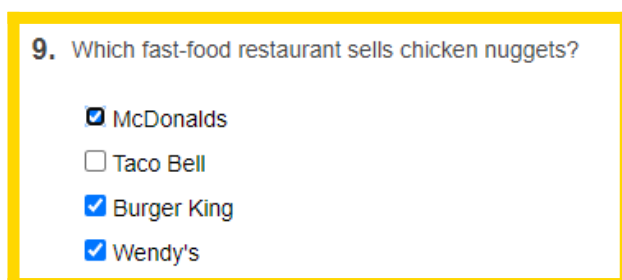
- `[[choices]]` - to be used with multiple choice questions only, places answer choices in a drop down menu



- `[[choices_radio]]` - to be used with multiple choice questions only, places answer choices in a horizontal row with radio buttons instead of letter/number



- `[[multiple_choices]]` - to be used with multiple choice questions with a multiple correct answers scoring type only, place answer choices in a vertical column with checkboxes



Want more information on building online questions for students? Click on this [additional help guide](#).