

8-9-2006

Exploring Equations with TI-84

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Bell, Joann, "Exploring Equations with TI-84" (2006). *Lesson Plans*. 93.
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Teacher will project answer when the majority have finished.

Worksheet giving 10 word problems will be given. Students must record the graph shape, function, y-intercept, slope or roots for each problem.

Teacher moves about the room helping.

Summary:

Teacher models each answer for the worksheet using Smartview. Students work with her/him.

Students complete a Frayer evaluation of their learning.

Rubric:

Rating	5	4	3	2	1	0
Task	Completed the task	Completed most of the task.	Completed some of the task.	Completed very little of the task.	Did not understand the task.	No attempt.
Using TI 83	Understands how to use the graphing calculator and helps others	Understands the equation, graph, table, trace tools	Shows some understanding of the graph, table, trace and equation tools	Can enter an equation and make a graph but has trouble with trace and table	Can enter an equation but needs help using the other tools	No attempt.
Assistance	Required no teacher assistance.	Required very little teacher assistance.	Required teacher assistance 25% of the time spent on task.	Required teacher assistance 50% of the time spent on task.	Required teacher assistance 75% of the time spent on task.	Required constant teacher redirection and assistance.
Participation	Student remained on task throughout the class.	Student remained on task for most of the class.	Student was on task less than half the class but did ask questions.	Student was on task less than half the class.	Student was not on task most of the class and did not ask questions.	No attempt to work.
Mathematics	Graphic organizer comparing functions complete and correct	Graphic organizer comparing functions complete and 80 - 90% correct	Graphic organizer comparing functions complete with some errors or omissions	Graphic organizer comparing functions incomplete and contains at least one misconception	Graphic organizer comparing functions incomplete contains many misconceptions	Little or no attempt made to complete the graphic organizer.