Lesson Plan Template

Grade: Algebra I Subject: Math		
Materials: Chalkboard/whiteboard and notes Technology Needed: None needed		
Instruction	nal Strategies:	Guided Practices and Concrete Application:
Direct	t instruction	□ Large group activity □ Hands-on
🗆 Guide	ed practice cooperative learning	□ Independent activity □ Technology integration
Socra	tic Seminar 🛛 Visuals/Graphic organizers	Pairing/collaboration Imitation/Repeat/Mimic
🗆 Learn	ing Centers D PBL	Simulations/Scenarios
🗌 🗆 Lectu	re Discussion/Debate	 Other (list)
🗆 Techr	nology integration 🛛 Modeling	Evolution
Other	r (list)	Explain. Students will have an
		assignment from the book
Ctondord/	-)	Differentiation
HS ACED A Bearrange formulas to isolate a desired variable		Bolow Proficional
IIS.ACLD.4		Students will be able to understand the concent of a function
		and know that variables can be treated like constants in the
Objective		and know that variables can be treated like constants in the
After the l	s) accon the students will be able to solve equations for any	Above Proficiency:
After the lesson the students will be able to solve equations for any		Students who are above proficiency will be able to solve the
given variable in order to make a function of the equation. They will students who are above proficiency will be able to solve the		
also have a	a beginning understanding of what a function is.	are doing to their piers to beln with their understanding of the
Bloom's T	avanamy Cagnitiva Laval	material. They will hounce ideas off of each other and solve the
Bioom's Taxonomy Cognitive Level:		tricky problems that way
Evaluating		Annroaching/Emerging Proficiency:
Lvaluating		Students who are approaching proficiency will be able to solve
		the problems with some bein from piers and me as the teacher
		These two together will get these students learn the material
		These students may not be able to provide a satisfactory
		explanation to their piers but can get the majority of the work
		done themselves
		Modalities/Learning Preferences:
		would de la comme l'electences.
Classroom	Management- (grouping(s), movement/transitions, etc.)	Behavior Expectations- (systems, strategies, procedures specific to
The classroom will be set up with rows of desks in order to bein the		the lesson rules and expectations etc.)
students see the board without having to move in their desks too		During the lesson the students are expected to remain quiet and
much. At the back of the room there will be tables set up as		keen their heads off their desks. They will have to do this to help
collaborations tables for students to use to work out a tougher		them not fall asleep during the lesson. If a student has a question on
problem, 1	These tables will also be good for me as the teacher to use	the material, they will raise their hand and wait to be called on. They
to helps st	udents who have missed a day for whatever reason. This	will have to wait for me to find a good place to stop or finish my train
gives a neu	utral space for us to meet and an easy spot to sit side by	of thought.
side.	,	
Minutes	Procedures	
15	Set-up/Prep:	
	To prep for class, I will review the notes that I have made	for the lesson and review the homework problems that I have selected
	from the book. I will also have to prep the bell work ques	tions for the day.
5	Engage: (opening activity/ anticipatory Set – access prior learning / stimulate interest /generate questions, etc.)	
	To engage the students, I will have them begin by working	g on the bell work questions while I take attendance. Once the students
	are done with the bell work problems I would have them	take out their assignments and ask questions. After questions are
	answered I would collect the homework with the student	s passing the sheets to the left or right of the room.
10	Explain: (concepts, procedures, vocabulary, etc.)	
	I would start to explain the concepts of doing what we have been doing with inverse operations over the whole chapter would	
	be used on variable to make formula's look nicer. Formula	a's will be introduced and what they can be used for in the real world.
25	Explore: (independent, concreate practice/application with	th relevant learning task -connections from content to real-life
	experiences, reflective questions- probing or clarifying questions)	
	During this part of the lesson I would start to go through problems for the students to see what I am doing with the work. This	
	will be the time where students see how to solve the problem and the steps taken to solve the problem. The last question or two	
	will be left for students to work on by themselves. This is	when I can walk around the room and see where students may be
	confused with the material. Once the students have solve	d the problems, I would bring their attention to the front of the room.
10	Review (wrap up and transition to next activity):	

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After I have their attention I would give them the answers they may have in regards to the material. I can also bring u will be addressed before students get their assignment wh the beginning.	to the problems that were given and let the students ask any question up anything that I saw during my walk around the room. These things nich will help them have a better start on their assignment right from		
Formative Assessment: (linked to objectives)	Summative Assessment (linked back to objectives)		
Progress monitoring throughout lesson- clarifying questions,	End of lesson:		
check-	Students would get a homework assignment of problems that I had		
in strategies, etc.	chose from the book. I would make sure to choose doable problems		
During the lesson students would be asked questions to help me	and would make sure to not pick too many problems to make it		
solve the problems that I am working with. The final question posed	boring for students.		
to them will test their knowledge and ability to solve the problems.			
If many students struggle with a single concept, I can then cover that	If applicable- overall unit, chapter, concept, etc.:		
part again before they get the assignment.	The day after this would be a review of all the material and then then		
	next day would be a test for the students on the chapter.		
Consideration for Back-up Plan:			
In the case of a shortened period or many students missing for some			
reason I would go into a discussion about percent change			
(something not on the test). This gives an application to what			
percent could be used for and relates the math to the real world.			

Reflection (What went well? What did the students learn? How do you know? What changes would you make?):

In case my notes file gets deleted

 $\label{eq:eq:eq:start} $$ \sum_{x=\frac{1}{2}bh_x^{1}} e^{1} = b^{1} e^{1} e^$

 $\label{eq:linear} $$ 13 Lets take the formula for the area of a rectangle ($p=21+2w$) and solve it for the width of the rectangle. $$ 1}$p=21+2w$\vs{1}$p-21=2w$\vs{1}$ frac{p-21}{2}=w$\vs{1} Now lets say we are given two rectangles one with a parimiter of 22 and a length of 6 the other has a perimiter of 22 and a length of 10.$$ 1}For the first triangle $$ frac {22-2(6)}{2}=w$ so $$w=5$\vs{1}For the second triangle $$ frac {22-2(6)}{2}=w$ so $$w=5$ vs{1}For the second triangle $$ frac {22-2(10)}{2}=w$ so $$w=1$$ triangle $$ w=1$ $$ frac {22-2(6)}{2}=w$ so $$w=1$ $$ frac {22-2(6)}{2}=w$ frac {22-2(6)}{2}=w$ frac {22-2(6)}{2}=w$ so $$w=1$ $$ frac {22-2(6)}{2}=w$ frac {22-$