Three-Phase Lesson Structure

	BEFORE THE	IE PROBLEM
	Role of the Teacher	Student Questions
	Review Math Practice Standard objectives.	☐ What am I trying to find?
	Activate prior knowledge.	 I am trying to find
	Review vocabulary.	☐ What do I know?
	Pose the problem.	o I know that
	Ensure that students understand the task.	
	DUDING	III NANANIA
	Role of the Teacher	Student Questions
	Let go! Allow for productive struggle time.	Did I solve the problem in more than one way?
	Circulate as students work independently and then collaboratively in pairs or groups.	☐ Did I explain my solution to a partner?
	Ask questions to focus, assess, and advance student thinking.	Did I ask my partner questions so that I understand his/her solution?
	Decide which solutions will be selected for sharing.	Did I make my solution or answer to the problem clear so that others will understand it?
	AFTER THE	E PROBLEM
	AFTER THE Role of the Teacher	Student Questions
0	Role of the Teacher Facilitate the sharing of two or more solution	Student Questions What questions do you have for the
	Role of the Teacher Facilitate the sharing of two or more solution paths. Order selected solutions to help generate a	Student Questions What questions do you have for the mathematician? o I'm wondering Why did you
_	Role of the Teacher Facilitate the sharing of two or more solution paths. Order selected solutions to help generate a mathematically productive discussion. Ask questions to facilitate a student centered discussion. Ensure that students:	Student Questions What questions do you have for the mathematician? I'm wondering Why did you How did you Who can restate how solved the
_	Role of the Teacher Facilitate the sharing of two or more solution paths. Order selected solutions to help generate a mathematically productive discussion. Ask questions to facilitate a student centered	Student Questions What questions do you have for the mathematician? I'm wondering Why did you How did you Who can restate how solved the problem?
_	Role of the Teacher Facilitate the sharing of two or more solution paths. Order selected solutions to help generate a mathematically productive discussion. Ask questions to facilitate a student centered discussion. Ensure that students: Develop an understanding of the solutions and mathematical concepts Justify and explain strategies and	Student Questions What questions do you have for the mathematician? o I'm wondering Why did you How did you Who can restate how solved the problem? o First Next Then
_	Role of the Teacher Facilitate the sharing of two or more solution paths. Order selected solutions to help generate a mathematically productive discussion. Ask questions to facilitate a student centered discussion. Ensure that students: o Develop an understanding of the solutions and mathematical concepts o Justify and explain strategies and mathematical ideas o Add on to, question, and make	Student Questions What questions do you have for the mathematician? I'm wondering Why did you How did you Who can restate how solved the problem? First Next Then Who can add on to what has shared?
_	Facilitate the sharing of two or more solution paths. Order selected solutions to help generate a mathematically productive discussion. Ask questions to facilitate a student centered discussion. Ensure that students: Develop an understanding of the solutions and mathematical concepts Justify and explain strategies and mathematical ideas Add on to, question, and make connections between the solutions shared	Student Questions What questions do you have for the mathematician? I'm wondering Why did you How did you Who can restate how solved the problem? First Next Then Who can add on to what has shared? I would like to add What is the same about the solutions
_	Role of the Teacher Facilitate the sharing of two or more solution paths. Order selected solutions to help generate a mathematically productive discussion. Ask questions to facilitate a student centered discussion. Ensure that students: Develop an understanding of the solutions and mathematical concepts Justify and explain strategies and mathematical ideas Add on to, question, and make connections between the solutions	Student Questions What questions do you have for the mathematician? I'm wondering Why did you How did you Who can restate how solved the problem? First Next Then Who can add on to what has shared? I would like to add What is the same about the solutions shared? What is different? One similarity is Both solutions
_	Facilitate the sharing of two or more solution paths. Order selected solutions to help generate a mathematically productive discussion. Ask questions to facilitate a student centered discussion. Ensure that students: Develop an understanding of the solutions and mathematical concepts Justify and explain strategies and mathematical ideas Add on to, question, and make connections between the solutions shared Identify patterns and make	Student Questions What questions do you have for the mathematician? I'm wondering Why did you How did you Who can restate how solved the problem? First Next Then Who can add on to what has shared? I would like to add What is the same about the solutions shared? What is different? One similarity is Both solutions One difference between the

Three-Phase Lesson Structure

BE	FORE
Role of the Teacher	Student Questions
DU	IRING
Role of the Teacher	Student Questions
	FTER
Role of the Teacher	Student Questions
Guiding Questions:	
How does each phase engage students in the Mi	
How do the CELDs support ELs throughout the th	11 ee pilase 1655011 !