Name:	Date: Period:	
	The Great Play-Doh Bead Mine	
Purpos	e: To understand how mining affects the Earth	
2 tooth 1 pape 1 pape	II of Play-Doh with beads picks rclip	
Procedure:		
1. 2. 3.	Mining Rules: The mine will earn \$50 per bead Cost to reserve the mine for use is \$300 There is a \$100 fine for every piece of Play-Doh that breaks off Broken equipment may not be used, and must be replaced. Each tool (toothpick or paperclip) will cost \$100	
	Mining and Processing: Without touching the "mine" (Play-Doh), examine it. How many "minerals" (beads) can you see on the surface?	
	Use your tools to carefully mine out (remove) the "minerals." You may not pick up the Play- Doh. It must be mined from the top. Find your mining and processing costs and gains:	
Nu	mber of mineral beads x 500 =	
If y	ou had to replace tools, subtract \$100 from the total for every tool.	
C. 1.	Total = Land Damage: Take your new total. Subtract \$300 for mine reservation fee. Total =	
2.	Now subtract \$100 for every piece of "Earth" that was broken off.	
D.	Grand Total =	
	your mine make a profit or lose money?	

 How is your "mine" similar to a real mine? How is your "mine" different from a real mine? What happened to the "land" while you were mining? Can the "land" be replaced? What would have to be done to repair the "land?" How could you have made your mine more profitable? 	Conclusion: Answer the following questions using complete sentences.	
 What happened to the "land" while you were mining? Can the "land" be replaced? What would have to be done to repair the "land?" 	1. How is your "mine" similar to a real mine?	
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	3. What happened to the "land" while you were mining?	
5. How could you have made your mine more profitable?	4. Can the "land" be replaced? What would have to be done to repair the "land?"	
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