Grade Level 4th

What relationships are revealed through the exploration of math in the real world?

Unit Concept: Exploration	Thinking Process		BasicAbstract			Abstract
Process	Knowledge	Comprehension	Application	Analysis	Evaluation	Synthesis
	1/ Students		ize & solve problems in the	' '	5/	6/
	brainstorm		,	investigating & recording		
	examples of	*Classification char	t	how people use math in		
	math from			everyday activities both at		
Memory, Recall, &	Math Curse			home & school.		
Associative	*List			*Journal, survey &		
Learning			T .	graph		
		8/	9/	10/11 Students analyze the		12/ Students will compose
				by resolving real life mathematical problems, then compare/contrast multiple solutions & strategies generated by classmates for scenarios.		parallel problems based
						on journal entries from
		1 1 1 7		*Attachments # 4 & 5	or scenarios.	cell #4 and personal experiences
				Attachments # 4 & 5		*Design a worksheet
Critical Thinking						Design a worksneet
	13/	14/ Students discuss	15/ Students will depict	16/ Students examine	17/ Students deduce the	18/
		& develop a list of		future career interests and		
		careers involving	, ,	prepare a set of interview	applications in the	
		mathematics &	career related	questions for someone in	interviewed person's job,	
Research &		reflective of a typical	mathematical problems.	the selected field.	explore their future job &	
Independent		community.	*Attachment #10, 11, or	*Interview questions &	the relationship with math.	
Investigation		*List	12	interview	*Summary report	
	19/	20/21 Students investigate the math TEKS appropriate for a specific grade level of their choice and correlate those skills to an everyday life career. *Graphic organizer of choice		22/	23/ 24 Students will create problems that illustrate how professionals use math concepts to solve real life problems by developing a board game teaching nine mathematical concepts or a learning center	
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						of math within a real career
					to assist in the teaching of	
Creative Thinking			I		TEKS. *Board game or le	
	25/	26/	27/	28/ Students reflect on	29/30 Students generate t	
				their knowledge obtained	questions, to be read by an interviewer, based on their research of a specific career which reveal the	
				through exploration of	l ' '	
				· '	role of math within the care	
				and everyday careers.	*Audio or Video taped in	erview of themself
Social & Emotional						

[&]quot;adapted for LCISD from the Curry/Samara Matrix Model - TAGT 1993"