

Strategies

SIOP COMPONENT # 4

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Just because the language level is low, doesn't mean the thinking level can't be high.

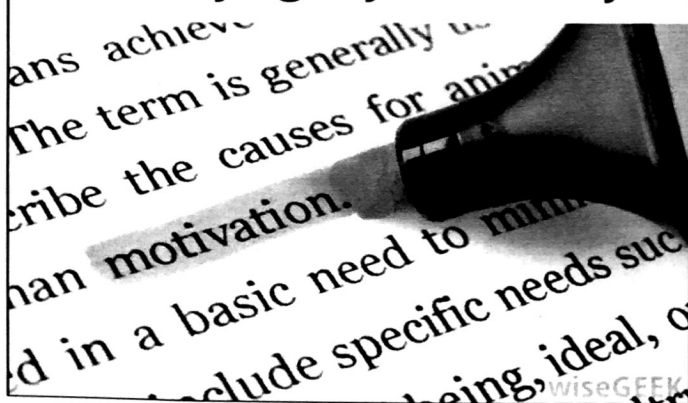
What are the Components?

- Learning strategies
- Scaffolding techniques
- Higher-order questions/tasks

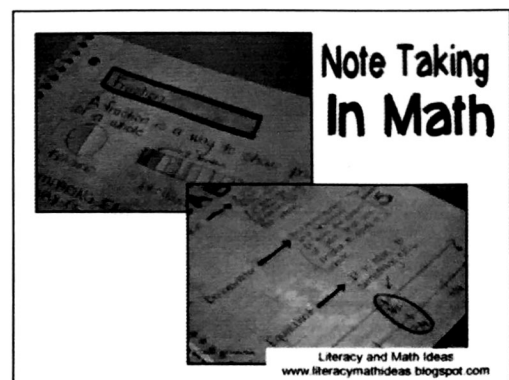
Subcomponent #1 Learning Strategies (Cognitive)

- Rereading
- Highlighting
- Read aloud
- Taking notes
- Mapping information
- Self-talk
- Find key vocabulary
- Mnemonics

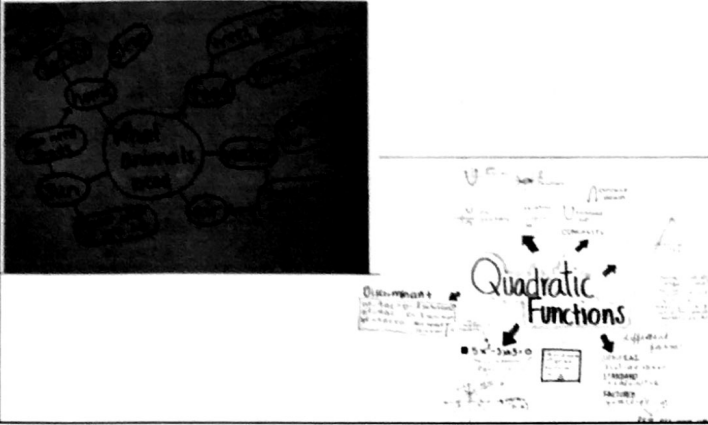
Identifying key vocabulary



Taking notes



Mapping Information

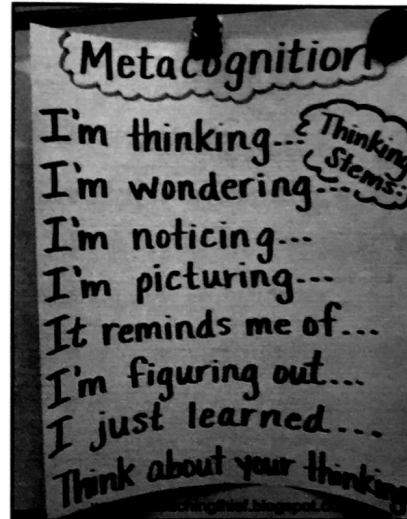


What is metacognition? Thinking about your thinking



Learning strategy (metacognitive)

- Predicting
- Self-questioning
- Monitoring
- Evaluating
- Visualizing
- Inferring
- Clarifying
- Summarizing



Predicting Inferring



Good Mathematicians



Good Readers



Good Scientists



Learning Strategy (Social/affective)

- Interaction
- Questioning for clarification
- Cooperative learning
- Group discussions
- Talking to partner

5 Word Summary Activity

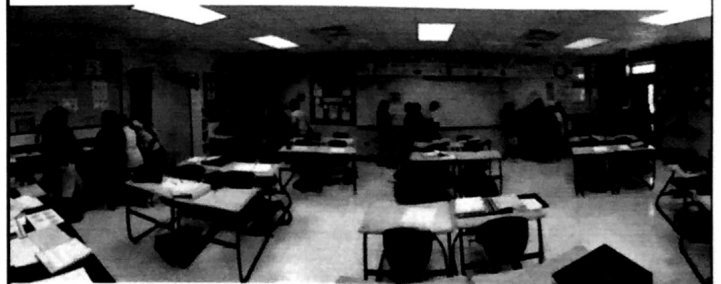
- Students work in Pairs
- Both reads quote
- Partner #1 reads to Partner # 2
- Partner # 2 reads to Partner # 1
- # 1 summarizes the quote
- #2 will summarize in 5 words

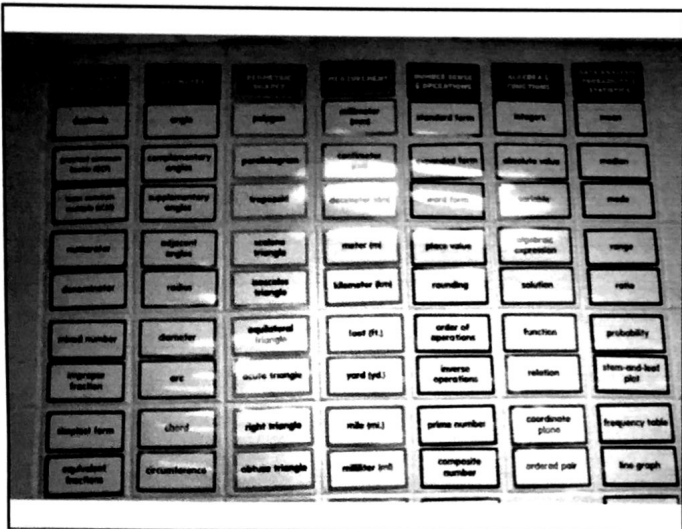
What is a Gallery walk?



- Students work in groups to create posters about topic
- Posters Displayed around the room
- Students given time to view, add to, and review posters
- Students return to their posters to review.
- Volunteers summarize the posters

Gallery Walk



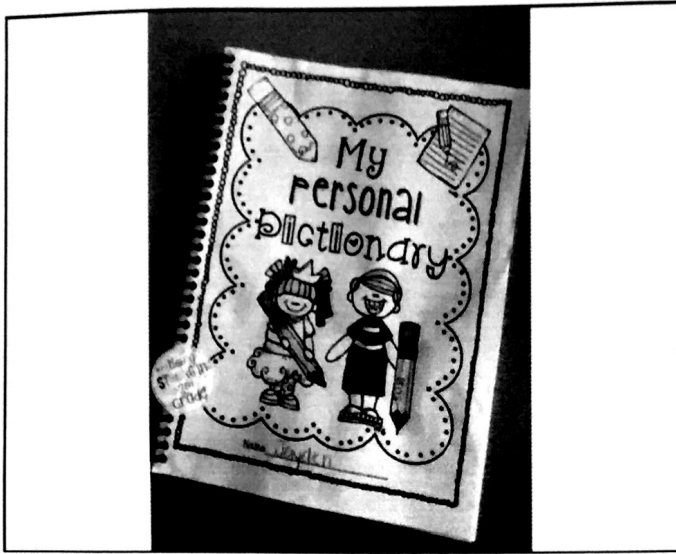


Addition		Subtraction		Multiplication	
+	increased by	=	minus	X	factor
add	more than	left	greater than	product	product
together	combined	less than	less than	times	•
total	together	total	more than	multiply	multiplicity
to all	total of	to all	how many times	Division ÷ out of quotient ratio of per percent divide equals divide	
altogether	added to	altogether	increased by		
all	was	reduced by	difference		
Equal		from	fewer than		
=	same				
same as	the same as				
is equal to	equals				

Personal Dictionaries

- Students identify and list words, creating a personal vocabulary resource





what's the **WORD?** migrate

define it, in your own words	prefix, suffix, root	make a meaningful sentence	synonyms
Migrate means to move from one place to another.	migr: change, move	Each fall, the geese migrate to a warmer climate for the winter.	room journey wander
	make the connection		antonyms
	The root "migr" means to change or move just as migrate means to move.		stay remain

LADYBUG'S teacher files