

THINKING & QUESTIONING

BASIC THINKING & QUESTIONING ... LEVEL 1

1. How would you describe ____?	9. Are ____ & ____ same or different and why?
2. How can you get started on the problem?	10. Name the parts of ____.
3. What is ____?	11. Restate the meaning of ____.
4. What do you remember about ____?	
5. Predict what will happen if ____.	
6. Explain why ____.	
7. Can you illustrate ____?	
8. Show ____ in a graph/table.	

ENGAGED THINKING & QUESTIONING ... LEVEL 2

1. What part of the problem must you use first?	9. What is the relationship between ____ & ____?
2. How would you show your understanding of ____?	10. Why does ____ work?
3. Tell how much change there would be if ____.	11. What patterns did you discover?
4. What properties does ____ exhibit?	12. What can you group together and why?
5. What are the parts/features of ____?	13. How would you compare/contrast ____?
6. How is ____ connected to ____?	
7. What part of the problem must you use first?	
8. What conclusions can you draw about ____?	

DYNAMIC THINKING & QUESTIONING ... LEVEL 3

1. What would happen if ____?	9. Prove/disprove ____.
2. Design a plan to ____.	10. Verify ____ by showing your thinking.
3. Can you propose an alternative to ____?	11. Explain each step of ____.
4. Decide what information is & isn't needed.	12. Construct a model of ____.
5. What way would you design ____?	
6. Choose the errors in ____ and fix them.	
7. Is there a better solution to ____? Explain.	
8. How many ways can you ____?	

SMART QUESTIONS

Ask each other, ask the teacher

*Modified from Julie Reulbach

WAYS TO START A SUMMARY:

1. I don't understand ____ step of the problem.	1. I learned ...
2. I don't understand ____ vocabulary word.	2. I remember ...
3. Can you repeat ____ part or step?	3. I realize that ...
4. How did you get ____?	4. I now know ...
5. Why did you do ____? (add, subtr., mult., div., etc.)	5. I can now see ...
6. What part of the story problem let you know to do that mathematically?	6. I understand ...
7. I know how to do ____ part, but what is next?	7. Define a new vocabulary word.
8. I know these are the two pieces, but how do I put them together?	