Topic : **Scientific Method**	***Name*** ***Date*** ***Class*** ***Period***
Main Ideas, Questions	***Details, diagrams, solutions***
Definition: Scientific Method	A process used to solve problems or answer questions
THE STEPS in the SCI METHOD	
1. Observe/State the problem/Ask Question	Make observations
	ask questions
	Write down what the question or observation is, or what problem needs to be solved.
2. Get information	Write down what is already known about it
	Think of something similar that you know something about
	Research: books, internet, magazines, ask experts, make more observations
3. State your hypothesis	Predict, propose a solution, make an educated guess about the outcome or answer
	a good hypothesis MUST be testable.
4. Test hypothesis/Experiement	Define the variable and controls.
	plan and write your "recipe' of how to test the hypothesis.
	List materials
	List procedures
5. Record and Analyze Data	Write down observations, make and write down measurements. Organize data into graphs, tables, diagrams, patterns.
	Think about the results and data, and try to make a sensible explanation of the results.
	Do the results make sense based on your hypothesis? Revise hypothesis if necessary.
6. Conclusion and Recommendations	What were the Results? Was your hypothesis correct? Why or Why not?
	What mistakes happened? What should you do differently next time?
	What new questions resulted from your experiement?
Summary:	

Topic :	***Name*** ***Date*** ***Class*** ***Period***
Main Ideas, Questions	**Details, diagrams, solutions**
Summary:	

"This product was funded by a grant awarded under the President's Community-Based Job Training Grant as implemented by the U.S. Department of Labor's Employment & Training Administration. The information contained in this product was created by a grantee organization and does not necessarily reflect the official position of the U.S. Department of Labor. All references to non-governmental companies or organizations, their services, products, or resources are offered for informational purposes and should not be construed as an endorsement by the Department of Labor. This product is copyrighted by the institution that created it and is intended for individual organizational, non-commercial use only."