

# **SOUTH VIEW CHEMISTRY COURSE OUTLINE**





## **MR. BARKER ~ ROOM 252**



Chemistry is a fast paced, demanding course which requires a great deal of practice to understand difficult concepts. Class attendance is critical. Along with several homework assignments each week, we will use inquiry based labs, guided practice, interactive lecture, review activities/games, and student centered learning to master the North Carolina standard course of study. All students will take the Chemistry NCFE which counts 20% of your overall grade. Tutoring is Tuesday & Thursday morning at 7:45. You must have a pass from me to enter the building.

Outside of school, you can contact me at: [brentbarker@ccs.k12.nc.us](mailto:brentbarker@ccs.k12.nc.us)

### **Grading will consist of:**

-  Tests (Includes Honors Project) 40%
-  Quizzes (Includes Starters) 20%
-  Homework & Classwork 20%
-  Labs 20%

**PROJECTS:** All Chemistry Honors students will submit a project each grading period. The project will be counted the same as a test. Chemistry students **not enrolled in Honors** will have the **option** to do the project as extra credit. Assignment sheets will be handed out approximately 2 weeks before due dates. For the first 3 grading periods there will be 2-3 project options for students to choose from. Students can find videos, practice problems, reviews, remind.com



updates, Quia links, and other helpful resources on our Class Website:

[www.SVSCIENCEBARKER.WEEBLY.com](http://www.SVSCIENCEBARKER.WEEBLY.com)

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## **MATERIALS:**

**PEN, PENCIL, NOTEBOOK WITH POCKETS,  
SCIENTIFIC CALCULATOR**

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**TUTORING SCHEDULE**  
Tuesday/Thursday 7:45- 8:15

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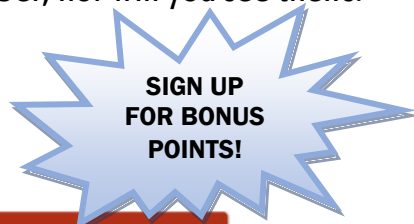


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TOPICS	PERIODS
Chapter 1: Introduction to Chemistry	3
Chapter 2: Matter & Change	3
Chapter 3: Scientific Measurement	2
Chapter 4: Atomic Structure	3
Chapter 5: Electrons in Atoms	4
Chapter 6: The Periodic Table	3
Chapter 7: Ionic & Metallic Bonding	3
Chapter 8: Covalent Bonding	2
Chapter 9: Chemical Names & Formulas	2
Chapter 11: Chemical Reactions	4
Chapter 10: Chemical Quantities	5
Chapter 12: Stoichiometry	5
Chapter 13: States of Matter	3
Chapter 14: Behavior of Gases	5
Chapter 15: Water & Aqueous Systems	3
Chapter 16: Solutions	4
Chapter 17: Thermochemistry	4
Chapter 18: Reaction Rates & Equilibrium	5
Chapter 19: Acids, Bases, & Salts	4
Chapter 20: Oxidation & Reduction Reactions	2
Chapter 21: Electrochemistry	2
Chapter 25: Nuclear Chemistry	3

