



Chemistry Schedule

Easy Classical Chemistry Schedule

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Cover design by Sandra Williams

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“Dedicated to excellence in classical education.”



Welcome to Easy Classical! Thank you for choosing us to help you home school. Whether you are brand new to homeschooling or have been homeschooling for many years, we hope that you will find Easy Classical schedules to be a great help.

How do I get started? Included in your packet is an “Instruction Sheet” (which explains how to use your schedule), an Icon Sheet (which explains the meanings of the icons placed in your schedule), 36 week-long, day-by-day schedules, and various forms and helps that can be photocopied for use with your child.

The instruction sheet lists the subjects, in bold, included in this year’s study. The recommended books are listed under each subject heading. The general directions guide you in the use of each book.

The framework of this schedules is structured around the recommendations of Susan Wise Bauer’s book The Well-trained Mind: a Guide to Classical Education at Home. We recommend that you read this book to give you a foundation on which to base this year’s study. Reading this book will also give you a better understanding of how to use the sheets and helps that are included in your packet.

We pray that God would use our schedules to enhance the learning of your child as s/he studies Chemistry this year. Our hope is that you will have the extra time you need to spend with your spouse, your family and your friends.

Thanks for choosing us to help you!



Chemistry Topics

Matter and Molecules

- Week 1: Scientific Method/What is Chemistry?
- Week 2: Matter
- Week 3: Phases of Matter
- Week 4: Changing from One State to Another
- Week 5: Molecules in Motion

Liquids

- Week 6: Evaporation
- Week 7: Viscosity and Density
- Week 8: Cohesion/Adhesion/Capillary Action
- Week 9: Surface Tension

Gases

- Week 10: Gases
- Week 11: Condensing

Solids

- Week 12: Solids: Crystals

Mixtures

- Week 13: Mixtures
- Week 14: Dissolving
- Week 15: Suspension
- Week 16: Saturated/Diluted/Concentrated
- Week 17: Miscible and Immiscible
- Week 18: Colloids
- Week 19: Separating

Atoms

- Week 20: Atoms
- Week 21: Atom Bonds and Electrolysis

Elements

- Week 22: Elements
- Week 23: The Periodic Table
- Week 24: Alkali Metals
- Week 25: Alkaline Earths
- Week 26: Main-Group Metals
- Week 27: Metalloids
- Week 28: Non-Metals
- Week 29: Halogens
- Week 30: Noble Gases
- Week 31: Transition Metals
- Week 32: Transition Metals Continued
- Week 33: Lanthanides
- Week 34: Actinides

Reactions, Acids, and Bases

- Week 35: Reactions
- Week 36: Acids and Bases



Easy Classical Icons

These icons are in your daily schedules to remind you of tasks to accomplish during the day.



This icon reminds you to do a Science Experiment.



This icon reminds you to do your Science Summary.



Chemistry Instruction Sheet

Directions: Prior to beginning your year, read The Well-trained Mind: a Guide to Classical Education at Home by Susan Wise Bauer. Read the section entitled “The Grammar Stage”. This will give you a framework in which to base this year’s schooling. Use the suggestions in the “How to Do It” section in the science chapter for recommendations on how to set up a notebook for your child. After you have an understanding of the classical method of education begin looking through all of the enclosed materials, please keep in mind that you may not be able to do EVERY assignment EVERY week. That’s OK! Unexpected things happen, and if you need to skip an occasional assignment, feel free. This year is especially jammed packed with a variety of projects and lessons. Feel free to choose the project that best suits your child. If he is a kinesthetic learner, do more of the hands on projects. If your child is more of a visual learner use the pictures to aid in learning. If she is an auditory learner make sure you focus on the reading scheduled. A variety of projects are scheduled to give you flexibility and an assortment of choices. Do not get bogged down in trying to complete all of the projects. Use the extra projects as aids to learning. Remember, the first four years are building block years. Your child will build on this foundation in future years.

With these thoughts in mind, open to “Week 1~Schedule”. Write the date in the top left hand corner of the sheet. Look across each row. The first row lists the days of the week. Under the days of the week you will notice the rows highlighted in blue. The blue rows are the subject headings. The rows under the blue rows are the books and assignments for the week. Look down each column. The first column is a listing of each book you will use during this week. At the top of the second column is Monday. If you scan down the Monday column you will see the assignments scheduled for the day. Check off each assignment as you complete them. Move to Tuesday, Wednesday, Thursday and then Friday as you progress through the week. Continue to check off the tasks as you complete them. This will give you and your child a sense of accomplishment as well as help you keep track of what you need to finish. You can be confident you are accomplishing enough each day to reach your goals by the end of the year!