

# Shopping List for Unit #15: Chemistry 2

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***This Unit is different.** While normally, we stick to everyday items, this advanced unit on chemistry requires a full chemistry set. The good news is, you only have to buy one item, as it includes the glassware, safety gear, workbook, chemicals, and equipment. The downside? Don't eat any of these things, and store far out of reach from small kids and pets.*

**We're going to be using real chemicals in this Unit, some of which are corrosive, hazardous, and most are toxic.** This Unit is NOT for small children or households with loose pets (so stick the dog outside while you work). When your materials arrive, please keep ALL chemicals out of reach and sealed until you need them. We'll show you how to safely store, mix, and clean up your chemicals.

We're going to need additional chemicals to those used in [Unit 8](#). Keep both sets together and out of reach until you need them. You can order all your chemicals from the same supplier (links provided below). These two sets are the ones your kids will be using until they hit college.

Make sure you have goggles and gloves for all experiments, and protect your table (put it near a window for good ventilation) with a thick plastic tablecloth. You'll be using real glassware for these experiments (included in the set) to do your experimenting.

## Beginner Chemistry (Grades K-4)

For younger students, we do NOT recommend this unit. Instead, hop on over to a more appropriate Chemistry Level for your students here in [Unit 8](#).

## Intermediate Chemistry (Grades 5-8)

For kids in grades 5-8th, you'll need the smaller **Chemistry Kit: C1000** by *Thames and Kosmos*. Order the C1000 from [Amazon](#) or [Home Training Tools](#).

(Note that the C1000 is included in the advanced set (C3000) below. If you even think you're going to do high school level chemistry, then the best deal is to get the C3000.)

## Advanced Chemistry (Grades 9-12)

For kids in grades 9-12th, you'll need the larger [Chemistry Kit: C3000](#) by *Thames and Kosmos*.

(Note that the C1000 is included in this advanced chemistry set, and we'll be using this set very extensively.)

## High School AP Chemistry

For students needing a more rigorous set of chemistry lessons in preparation for college, you'll want something that is beyond the scope of Units 8 and 15. After searching through a vast mound of chemistry textbooks and experiment guides, we've found a good resource for you to work through from cover-to-cover: [The Illustrated Guide to Home Chemistry Experiments](#). This book will take you through two full years of high school level chemistry and prepare you for your AP exams. Note that those experiments are *more* advanced than the ones you'll find here in Unit 15. If you're not sure which is a better fit, we recommend completing Units 8 and 15, and if your child still hounds you for more, then get the book and follow it carefully and diligently.