

# Doing Science Labs At Home



*PHAA Webinar  
Tuesday, January 13, 2026  
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Experience  
Homeschooling

"Get ready to go beyond the  
curriculum.  
Get ready to experience  
homeschooling."



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Home - Experience Homeschooling ([mailchimpsites.com](mailto:mailchimpsites.com))

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***Who are your students?***



***What* are their academic requirements for the upcoming school year?**

Do you have high school students who must meet the required 3 years of science?



***What* are their academic requirements for the upcoming school year?**

**Science Courses.** Astronomy, Biological Science, Biology (lab), Chemical science, Chemistry (lab), Earth Science, Ecology, Environmental Science, General Science, Geology, Physical science, Physics (lab), AP Biology, AP Chemistry, AP Environmental Science, AP Physics B, AP Physics C. Three of the options (Biology, Chemistry, and Physics, are called "laboratory sciences" in the public school regulations and **should have a hands-on component.** (PHAA High School Guide, p.7)

# ***Where would you like them to learn?***

- a. At home
- b. With a group of students at a co-op
- c. Online



# ***Why* are you choosing this subject?**

- a. Student interest
- b. Parent selection
- c. Offered by co-op or online platform



***When will you complete the course or courses?***

a. Full year

## b. Half-year



# ***How will you ensure the completion of the course?***

- a. Determine requirements: purchase of curriculum and supplies
- b. Online or co-op enrollment





## ***How will you teach them?***

- a. Are you teaching each student at their grade level ?
- b. Are you teaching them together with a unit study?
- c. Are you bringing students together with books, projects, trips etc.?



## ***How will you document the course?***

- a. Lab Reports
- b. Chapter questions, tests, and quizzes



# Lab report sample

1. Title page
2. Experiment Title
3. Procedure
4. Materials and Methods
5. Results
6. Discussion
7. Conclusion
8. References or Literature Cited

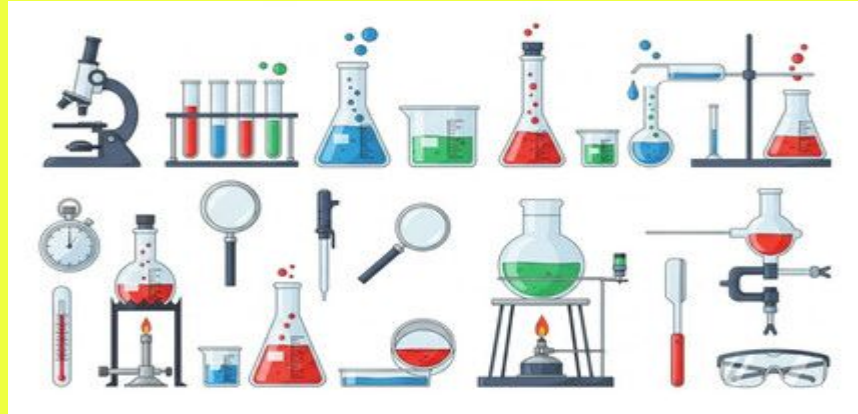
# Lab Report Sample

[Apologia Lab Report](#)



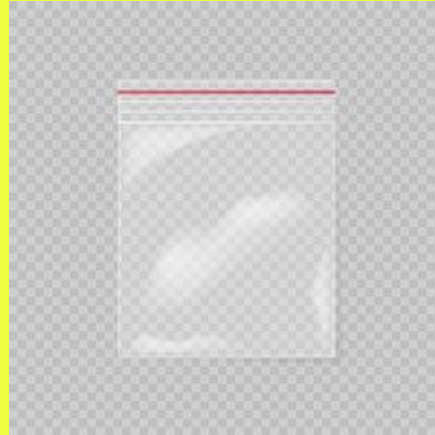
# ***Supplies***

**Supplies** ready for each class are critical, whether you have selected the curriculum and will teach science, are enrolled in an online class, or are attending a class outside of the home.



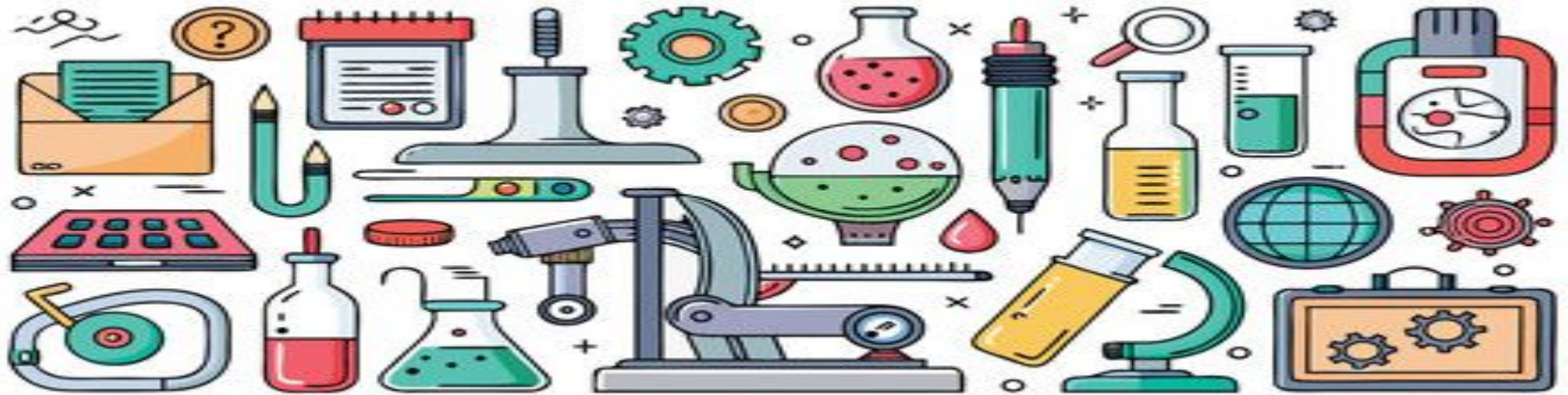
## ***Supplies***

- a. Place the supplies for each lesson in a 1-gallon freezer bag.
- b. This will allow you and the student to complete each lesson.



## ***Supplies***

## Home Science Tools Science Curriculum with Labs



# Sample Courses

1. At Home:
  - a. [Apologia Biology](#)
  - b. [Bob Jones University Press](#)
  - c. [Abeka Science](#)

2. Cooperative Learning—

3. Online:

- a. [Apologia Live Classes](#)
- b. [Bob Jones University Press Live Classes](#)
- c. [Abeka Science Live Classes](#)





# Another Option!

## Greater Philadelphia Homeschool Science Fair



# Questions?





**THANK YOU!**