

STEM Lab grades 5-8

Tutor: Ann Parmeter-Cripps (Mrs. Cripps)
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Tuition: \$380

Textbook set: *Applied Engineering: Studies of God's Design in Nature Set, 4 volumes*

Cost: Approximately **\$50**

(Parents-you need to order this on Christianbook.com, Masterbooks.com, Rainbow Resource, or from another distributor.)

Edison robot: \$45 Due upon registration (Parents-I order these for you. If your family is unable to purchase the robot, your student can still take this class. I have extra robots, so just let me know.)

Course Description: STEM Lab students investigate **science, technology, engineering, and mathematics** in a hands-on manner. This course will be taught for all learners, providing kinesthetic, visual, and auditory learning opportunities. Topics of study will include but not be limited to **physics, simple machines, robotics, and coding.**

Students will use the **Engineering Design Process** to:

- Find solutions to problems by thinking, designing, and building creatively.
- Make connections between stem disciplines.
- Take risks, be willing to fail and try again.
- Embrace learning even when it is hard.

Self-Pay Fees: \$380 total tuition/ \$190 due on the first day of 1st semester and \$190 due on the first day of 2nd semester. 50% refund if class is dropped within the 1st 3 weeks. No refund after week 3.

LAMP Fees: \$380 tuition; if LAMP only provides partial payment, you will be responsible for the rest, which will be due the 4th week of October. Students are required to self-pay for any missed LAMP payments due to dropping after the third class or not meeting LAMP requirements during the semester.

About the tutor: I am a homeschool mom and wife to Jim for over 30 years. We are currently finishing up our homeschool journey with our youngest daughter. We also have two daughters and one son who graduated in 2017, 2019, and 2024. I've taught at various homeschool co-ops for many years. I hold a Bachelor of Science and a Master's Degree in Education from WMU. After teaching in both public and Christian schools in the Kalamazoo area, I have been blessed to spend the past 20 years at home with my family. It is truly a privilege to come alongside other homeschool families as we strive to educate our children to the best of our abilities.