

## STEM Unit 1

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What is my STEM Academic experience so far? STEM means science, technology, engineering, and math. My experience so far has included incorporating math and science with engineer, learning the basics of Solid Works, learning what we do in math and science is used to make things in Solid Works, and how all these subjects are connected. I can't wait to further my experience in STEM. I will now talk about math, science and engineering in the STEM Academic.

What is math like in STEM? Math right now is involving math to science and Solid Works. We are working on circles for the moment, but we just finished working on an atom project that connects all three classes together. We learned about tangents, chords, and secants lines. Now it's about finding the circumference, arc measure, and the different angles. Well that is what we are doing in math so far.

Science in the STEM Academic is really involving math (not algebraic math but basic math for now). We have started a unit on atoms and how they developed over time. From the Greek idea of an atom to the today atoms; the atom has changed a lot from being a solid ball to being a nucleus containing protons and electrons with rings of electrons in the electron clouds around the nucleus. Who knows we might just find even more things about the atom in the near future. I really like involving all three classes together, mainly because they all have a similarity with each other. That is all for today about science in the STEM Academic.

Have you ever wondered about engineering? Engineering is big part of STEM; from including math and science to developing new products for the open mind. I love being able to mix all my classes together into engineering to make the thinks I want too. In engineering we have learned

about Solid Works (a program in which you can create new products) and the basics about. We also have learned about the metric system, measuring and sketching. Like I told you from before we have been making atoms on the Solid Works program. Creating things on Solid Works is mind blowing fun at times, but it can get frustrating at times. That's my brief summary on engineering class.

That is what we have been going in STEM. STEM is a great way to involve all three; math, science, and engineering. I look forward continuing my time for the next two years in STEM. This will help me with what I want to do in college. I thank Griffin High School for having this program and the teachers teaching the subject. I really do hope we do more project and activities like the one we did with the atom. I'm Cody Leath and I'm very thankful for this opportunity.