

Fun borders/  
background are  
fun and can  
make electronic  
letters feel more  
customized

2/2/2021

Dear [redacted]

Hi [redacted] I am doing well thank you for asking. I hope you are doing well and you and your loved ones are staying safe. I enjoy getting your letters as well! 😊

Math is one of my favorite subjects. Volume is super cool to learn about because when you start learning about chemistry, physics, and even biology volume comes in handy. Inside out and back again sounds like a super cool book! I have not read that one but, I will have to give it a read.

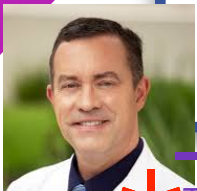
You will have to let me know why so many English settlers died in Jamestown. That seems like a tough problem to solve but, I know you are super smart and can figure it out! I wonder what it would have been like to be a settler in Jamestown.

My school is a big school. We have a lot of kids. Some of my classes even have 500 or more students in them. So, when the professors teach us, we sit in big rooms with giant screens behind the teacher so we can all see. We do have super school medical topics that we get to explore. My school does have freshman but I am not one. I did stay in a dorm my freshman year but, now I live in an apartment by my school.

I am currently a junior or what college kids say a third year. This means that I went to elementary school, middle school, high school and have gone to two years of college. This means that I am in my third year of earning my bachelor's degree. A bachelor's degree is a four-year degree. This means that when I graduate, I get a diploma that says my name and what I studied (biochemistry). This makes me a specific type of scientist.

This means that I can go find jobs that my degree is useful for or I can apply to more school. For me I am going to apply to medical school. This means that once I get into a medical school, I will get to study things like immunology, cancer biology, and embryology. Some of my friends are going to apply to PhD programs to study those same topics! The super cool part is that they get to research those topics. That means they go into the labs and run experiments trying to help us by creating vaccines like the COVID vaccine or studying what medicines can help make cancer cells stop growing. Which then they would tell me about and I would get to help people in the hospitals by giving them the medicine. You can also study those things in animals too! You can even help vets treat their patients by doing research.

Best,  
Sam 😊



This is Dr. Binder. I work for his lab. You can look it up at [www.binderlab.com](http://www.binderlab.com)

Links encourage further research learning

Inside Out & Back Again

Engages pre-scientist with images/eye candy

Referring to previous letter reinforces you read the previous letter and helps build stronger connection

Explanation of schooling from a middle-schooler perspective

Great explanations of STEM journey and topics

Relating STEM topics w/ pre-scientist's favorite STEM topics encourages them to see all the possibilities of careers in STEM especially related to their interests

Fun borders/background are fun and can make electronic letters feel more customized

$$V: 1. \frac{2\pi r^2}{3} \quad 2. \frac{2\pi r^3}{3} \quad 3. \frac{2\pi r^3}{3}$$

$$A: \phi \cdot 2\pi r^2 \quad 2. 2\pi r^2 \quad 3. 2\pi r^2$$