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### Unit 1 Reflection

As a student in STEM, I am not expected to write very often, and when I do, it is always in relation to technology. For this reason, technology plays a huge role in my life and in my writing. For the finale of Unit 1, my partner and I decided to reflect on why technology should be implemented in STEM classrooms, as well as emphasizing the importance of it. Because we are both STEM students, we feel that our experiences can educate others and push them to accomplish more within their studies.

For our project, we decided that other college students in the STEM fields should be the audience for the information we wanted to share, as our experiences probably relate most to other people our age. We focused heavily on how technology has impacted us, more specifically how it has benefited us and increased the quality of our work. Specifically, I focused on how there are lots of resources online that help with the coding work I do. I often find myself at a dead end when coding, and the internet is a great resource to debug my work. Additionally, there are many online blogs of people in my shoes that can share how they resolved the problems they ran into, which can often help me in my work. ChatGPT has also played a large role in my studies, not to do my work, but to explain it. Conceptually, a lot of the work I do is very complex, but I know I can rely on AI to break these concepts down to be more understandable. Reagan also focused on AI and how it impacted her studies, but focused more on how it helped her form study guides for the numerous exams she takes as a biology major. She also discusses

how having an iPad in the classroom has benefited her, as it allows her to create visualizations easily, which is needed often as there are many diagrams and pictures that she deals with. With the insights that we have gained in our time at Syracuse, we wanted to educate other people in our positions about the resources that technology provides in writing and in school,

Something that I learned in doing research for this project is that technology recently has provided even more resources for STEM students in the form of simulations and modeling. With technology evolving, it becomes more important for students to use it, as it will only start to help more and more. In my specific field of computer science, 3D modeling has become big, as it helps us physically visualize what we are dealing with instead of staring at a computer. In Reagan's field of biology, there are tools that allow her to dissect the human body and animal bodies virtually, which makes it much easier to learn more about anatomy in all forms, as well as more accessible.

In discussing how technology has helped me throughout my studies, specifically with coding, it has helped both me and Reagan learn that the methods that we use in STEM can be applied to other classes as well. For example, the history class I took last semester may have been easier if I had used ChatGPT to help with timelines and concepts. Because there is so much, I had to read for the class, it could've been helpful to have a refresher every once in a while, and understand why things happened the way they did. Going forward, I will be implementing technology even more in my writing and in my studies, and I hope that the audience of this project can also implement the same methods.