

Dear Dilworth STEM Academy Scholar,

We here at a local hospital in Northern Nevada have a problem and from what we have heard about Dilworth Scholars, we are sure you are just the people to solve it.

For several years we have been trying to better educate the citizens of Sparks as to how their body systems work, what diseases affect each system, and how the different systems of the body work together. Being a group of doctors and other medical professionals we have plenty of knowledge of the wonders happening inside us, but we just can't seem to get our message across to the public.

This is where you come in. We are asking that you and your classmates take on this monumental task in partnership with us to help educate our community and help us lead healthier lives. You will be working in teams to complete a specific task for each class, and then you will compile all of the information gathered to create and present your **exhibition of student learning** on Friday October 9th, 2015.

You, along with a team of STEM scholars, will need to learn what one body system does, how it works with other systems in your body and what diseases can affect your system. You will then take all of this newfound knowledge and construct a tour of your chosen body system. This tour should be both entertaining and informative which your science teacher can assist you in. It must be able to keep an audience interested while it teaches them everything you have learned.

To better help the general public understand the medically complicated topics in your tour, we ask that you also write a narrative about your system. We understand your ELA teachers will be teaching you everything about narratives in the weeks leading up to our visit.

To help the public truly understand just how important the health of your groups system is, we ask that you explain how expensive the disease you are researching can be to treat and explain how health insurance can change those expenses. Your math teachers can certainly help you crunch the numbers.

As doctors, we know how much information you are going to need to create a tour, a narrative, and analyze the costs of disease. We are joining your research and development teachers to show you where to find the required information. They will help you organize that information and of course how to credit your resources.

We here at a local hospital in Northern Nevada are excited for this opportunity to collaborate with the scholars of Dilworth STEM Academy and help bring this ever important information to our community. As people learn how body systems work together and how one disease can affect them both physically and financially, we are sure you will be changing how people treat their bodies, and perhaps even saving lives.

Thank you for your time, we look forward to seeing all your hard work during presentations.



