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Resource Review (3)

I completed my resource review using Step UP Physics. After our live class on Wednesday, I was inspired to use STEP UP. In the meeting, it was mentioned that most women enjoy pursuing things that are for humanity's betterment. I found this curriculum is a great way to help students see what is possible and how Physics can help many. I am currently teaching hybrid, but 90% of my students are online. I have a science fair coming up, so I do not have much extra time outside of the normal curriculum. So, I decided to make this an extra credit opportunity over thanksgiving break. I have assigned this to all of my middle school science students with is 6th-8th grade. I uploaded the assignment to Google classroom as follows below:

This is an extra credit opportunity for boys and girls. Please follow the steps below and write your answers down on a word or google doc and attach it to the assignment. Please consider doing this, you will enjoy the assignment.

1st Part- (Before assignment and don't change later)

1. Write down a career you can have with a physics bachelor's degree. (No wrong answer).

2nd Part- Open the word document below, read and complete quiz. After the quiz match yourself up with two scientists. Read about them and go to their link below their picture.

On your word document add:

2. Write the names and professions of two scientists you matched up with.
3. What do you think you have in common with them?
4. Who benefits from the work your physicist does? How does this physicist's work contribute to society?
5. What does your physicist personally value about his/her degree/career?

3rd Part- For your last answer, honestly reflect on if you would be more likely to consider a degree in physics after this? After reviewing other profiles what jobs look the most exciting to you? On your word or google document add:

6. After this activity would you be more likely to consider a degree in physics after this?
7. Out of all the profiles what jobs looked exciting to you?

A con of my limited time is that I could not do this with them instead of this being independent work. I will use my do now time (5 minutes) next month to celebrate STEM jobs using Disney Plus's One Day. This program follows a variety of people who work at Disney and what their job and prior training consist of. There are 50+ episodes and each is only 4-7 minutes long and engaging. There are many science-based jobs, and many of them involve physical science. This will be my follow up to the Step-Up assignment.

1. Mark the three most important factors for your future career satisfaction:

Career Goals Survey

1. Mark the three most important factors for your future career satisfaction:

a. Make money

b. Helping other people

g. Making use of my talents / abilities

2. Mark two areas you are most interested in:

a. Making money

j. Arts / Media