Proportional Relationships Project

Smoking or Vaping Announcement

Now that you've had the chance to learn how smoking and vaping affect our lives by using math to understand Truth data, it's time to dig a little deeper and share your knowledge. Your job is to create a Public Service Announcement (PSA) to report your findings. This is an opportunity to put your math into action. Who knows? You might make a difference and your ad could be used by Truth!

Below are the requirements for each type of PSA along with suggested ways to complete the project:

Billboard Poster	Website	TV Ad
Create a poster that uses math to explain how smoking or vaping affects our lives. (Can be a paper poster or done digitally.)	Create a single webpage that uses math to explain how smoking or vaping affects our lives. (Can be built for free as a Google Site.)	Create a TV ad (commercial) that uses math to explain how smoking or vaping affects our lives. (Can use iMovie to create the TV ad. Ads are usually no more than 1 minute long.)

How to complete the project:

- First, research different facts about smoking or vaping. Start by going to thetruth.com to learn more about smoking and vaping. You may use other websites if you need to.

- Pick 2 different facts about smoking or vaping to use in your PSA announcement. These facts should be different from the ones we already looked at in class.

- Determine which project you will complete: Billboard poster, Website, or TV ad (see above).

Requirements for the project:

- Include at least one graph, one *xy* table, and one equation.

- Explain what each of the 2 facts means, just like you had to do with the Graphing Activity earlier in this unit.

- Explain whether each fact is proportional or not.
    + If it's proportional, explain what the Constant of Proportionality represents for each of the facts.