

RET at Notre Dame

7/7/2010

Lab Kit Presentation #1 "Outbreak: A Study in Epidemiology"

Summary:

-Presentation using "Prezi" as an alternative to Power Point

Thoughts: Prezi seems to be a good alternative to Power Point, but my first impression was that it wasn't very catching- simple and probably great for making something like a power point when you're short for time

-Presentation included thoughts and suggestions on introducing what epidemiology is and conjunctivitis

Lab thoughts:

Task: To determine the source of a high school pink eye break out

-25 students from each grade level (these have pink eye from each level) (100 of 400 students therefore, 300 are not infected)

See handout PDF for lab

Suggestions:

Laminate cards

Color-code cards

Provide students with a poster board that allows students to place cards in categories. This can provide a visual and prevent confusion. It will be a bit more prep, but can be used again in the following years and will help with students who are not very strong visual learners

This lab will more than likely go overtime- plan accordingly

I would not recommend this for 9<sup>th</sup> or 10<sup>th</sup> graders, perhaps good for 11<sup>th</sup> and 12<sup>th</sup> graders when working with recapping scientific method and graphing.

For ~\$50 This is not a bad buy if you have the right group to work with- could be a good icebreaker for any sort of science camp, or summer school activity that is not part of a traditional school year program- In forensics for example, this can be useful in helping students think analytically