Grade 11 CST Math

**Project: Plan a Road Trip**

We have now finished the first section of the course (Optimization). Our next topic to cover for the course is “Graph Theory”. Before we start that:

You are going to plan a road trip to somewhere in North America. Imagine you have a **budget of $1000.00** that you have saved up to go on a trip after you graduate. You need to use your class time to plan your trip.

* Choose your location
* Figure out how long it will take you to get there, and how much you will need to spend on gas to get there and back
* Factor in hotels, meals, etc.
* You need to provide real examples of the things you are factoring in (ex: if you are going to be stopping at a hotel after driving for 6 hours, find a quote online for the price of a hotel in the town that you would be staying in, do not just guess)

You need to hand in a break down of the prices of everything you will need/buy for your trip. You will also share your plan with the class. You need to make a powerpoint or keynote presentation about your trip and send it to me at [cthomson03@lbpearson.ca](mailto:cthomson03@lbpearson.ca)

Bonus marks if you present your trip to the class.