

**Essential Question:** How much would a weekend away with a friend cost?

**Context:** The weekend has come and it is your favorite season to do stuff! You and a non-romantic friend decide to get away for the weekend and all the COVID concerns are wiped away. Choose a nearby destination and make a detailed plan.

**Mad Skills:**

- Use [data validations](#)
- Use formulas: [SUMIFS](#), ongoing cost, SUM
- Make charts
- Drop pins in [maps](#)
- Take screen shots
- Embed links
- Embed pictures

**Assumptions and Parameters:**

- You are travelling with a platonic friend. He or she may be in this class or not. All costs must include both parties.
- Lodging
  - you can camp, use AirBnB, stay at hotel/motel, etc
  - you must pay for lodging, i.e., you may not sleep in car or stay with your aunt
- All travel to and from location must be done by car.
  - you may rent, borrow, Uber/ or use your own
  - if renting, ignore age restrictions and insurance
  - While at the destination, how do you plan to get around?
  - Advanced: use mpg and miles driven to calculate fuel costs. include this in your spreadsheet
- Food
  - you must eat at least two meals at a restaurant (fast food is OK)
  - you must try one new food
  - you may buy groceries, but must provide a note in sheets with an estimated list of your supplies
- Activities
  - you must pay for an activity that you have never done before
  - you may fill your time with other paid/unpaid activities
  - stick with “family friendly” activities only
  - You may not watch movies on trip
- Itinerary
  - every hour must be accounted for from Friday 3p to Sunday 8p
  - link to websites, maps, pdfs, and screen shots
- Google Sheet must contain at least 2 tabs:
  - Itinerary: Budget
  - Itinerary: Ritzy (Advanced)
  - Cost Analysis

**Applied Math  
Weekend Away**

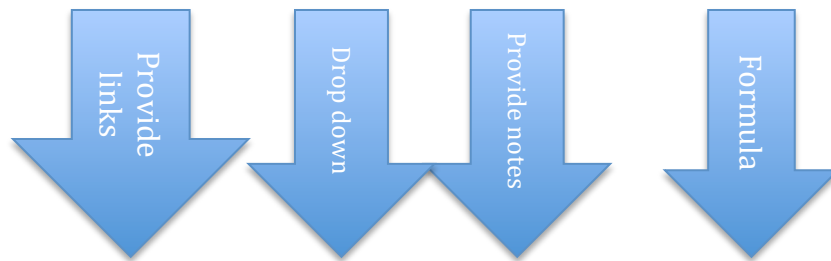
Name \_\_\_\_\_

Date \_\_\_\_\_

- Map
  - place a pin for every destination, starting and ending at Tahanto
  - Advanced: Descriptions at each pin including price and timing.
  
- Suggested reflection questions to consider on Google Doc
  - Where did you go and why did you choose the destination?
  - How did the calculated costs compare to your expectations?
  - What are some ways to save even more money?
  - Without the help of parents, how might you pay for this trip?
  - Why did you choose the new food and activities that you did?
  - How must you pack for this trip?
  - Other observations

**What to Submit:**

- Google Sheet with 2-3 tabs
- Google Map with pins
- Google Doc with reflections



**Sample Table**

Date/Time	Activity	Category	Cost	Ongoing Cost
Fri, 3:00 – 4:30p	Drive to Pawtuckaway Park	Transportation	\$5	= Current cost + previous ongoing
Fri, about 4:00p	Get dinner at McD's	Food	\$15	
Fri, 4:30 – 5:30p	Check in and set up campsite	Lodging	\$55	

**Rubric**

A: Exceptional	Map includes description at each pin and a directions layer. Add another tab that includes more expensive options. Calculate
B: Proficient	Data is accurate. Excellent use of shading. Itinerary is detailed and precise. Evidence is provided for all monies spent. Spreadsheet auto calculates. Some pictures are embedded. Analysis tab has graph and table of categories. Map has all pins.
C: Basic	Missing data. Itinerary is incomplete. Maybe some missing evidence.
D: Developing	Significant portions are missing from spreadsheet and slideshow.
F: Inadequate	Incomplete by missing most information.