

Notes-Happy Trails

Materials Per Student/Group: trail mix, baggie or bowl, calculator, colored pencils, balance

Procedure:

Make sure each student group has trail mix, balance, and calculators.

Part I

1. Set up the activity
 - a. Take out a clean sheet of lined paper
 - b. Title
 - c. Copy the Purpose- to find the value, in dollars, of the trail mix you have.
 - d. Make a Prediction- total cost of the trail mix you have.
 - e. Set up the Data Table
 - f. Reminder-how to mass things on the balance
 - g. For the next 10 minutes:
 - i. Separate the mixture
 - ii. Weigh each ingredient
 - iii. Record mass
2. Check on groups as they separate, weigh, and record
3. Together as a class, calculate the cost/gram of the 5 ingredients
4. Multiply for grams of each x cost/gram to get the value
5. Total all individual values to get final value. Compare with prediction.

Part II-Graphs (for homework or day 2)

6. Bar graph- compare the cost/gram of each ingredient
7. Circle graph- show how much each ingredient is in proportion to the whole

Warning- be clear with students that they are not eat anything! Be thoughtful of any students who might have a food allergy, and shouldn't even touch the ingredients.

http://www.televisiontunes.com/Roy_Rogers_-_Happy_Trails.html