

6-7 PROJECTS

A SAVINGS PROBLEM

6.NS.AB, 6.RP.A, 6.EE.AB, 6.EE.C; SMP1,2,3,4,5,6,7,8

Consider the list of requirements for the project as a scoring guide.

Suppose you want to earn money to purchase an expensive item. For this project:

1. Choose an item that is desirable to you. Research the cost of the item in at least 3 sources (for example, look online, in a store, or at an advertisement) to find reasonable prices for this item. List the sources.
2. Research different jobs that are typical for teenagers (babysitting, yard work, or be as creative as you like) and find a reasonable hourly wage. To justify the wage, include at least 3 sources if possible, or some other means of justification.
3. From the information you have gathered, estimate a reasonable monthly wage. Consider that you have obligations (like school), and can only work a certain number of hours per week. Explain how you arrived at the estimate.
4. Create a table showing the total amount saved each month under your savings plan.
5. Use the data from your table to create a graph.
6. Write an input-output rule using words and equations that describes your rate of savings.
7. Write a paragraph or two to summarize your thought process and the likely results of your working plan, savings plan, and the intended outcome of your desired purchase.