

EXCEL PROJECT IDEAS

Do any Two of the following Seven. Please note- you may need to research information on the internet. The more in-depth your project the higher your marks. Make sure all formulas are correct.

1

Create a monthly budget of income and expenditures, with some money set aside for savings, for your first year out of school. Create variations of this budget to show how much you could save if you cut back on certain expenses, found a roommate, or got a part-time job. Compare costs of meal plan to costs of groceries. Consider how much interest would be earned on savings if \$100 saved monthly. Or how much debt paid on student loans or credit card bills. To expand your data set, make a fantasy budget for ten years from now, when you might own a home, owe student loan payments, and have a good salary.

2

Pretend that you have \$20,000 to buy the ultimate computer system with scanner, color printer, lots of software. Use the web to research various products and calculate the costs of 5 different systems. Use plenty of formulas as you analyze costs and compare prices.

3

Compare prices on over a dozen products on lots of different web sites, such as the bookstore amazon.com versus the Barnes & Nobles web site. Calculate cost savings over shopping in local stores. Don't forget to include shipping & handling charges and tax.

4

Calculate total calories consumed and total exercise with calories burned. Use web research to explore low-fat menus and various exercise programs. Compare calories from a healthy home-cooked meal to a fast food meal.

5

Imagine the start-up costs for a new business. One student dreamed about a business that would make custom surfboards, so he did web research (and some guessing) on the type of equipment needed, advertising budget, raw materials, labour for artists & other employees, his own salary. The actual data (whether realistic or fantasy) is less important than the technical uses of a variety of formulas, graphs, and formats. You could try to predict what sales would be. You might go any corporate web site and look at the info presented for stockholders. Go to www.microsoft.com -- look at the blue index on the left side. Visit "Company Overview" and "Investor Relations." Check how earnings, investment, and annual report data is presented.

6

Think creatively about any set of numerical data of personal interest. The responsibilities of looking after a pet might work for you. Use the web to research the price of various kinds of pets, cages, food, vet bills, etc. Use math to compare how fast this pet will grow, how much they cost to feed, and how long they live. Finally, calculate the total estimated cost of a/each pet over its entire expected lifetime. Include charts and pictures of the pet on the spreadsheets. Similarly, a Barbie doll collector might research the cost of rare dolls sold through online auctions and predict the value of her own collection twenty years from now.



Create a Hockey pool for with 8 participants. Give each participant a first and last name. Each participant must pick 3 defense, 4 wingers, 2 centers and 1 goalie. You can decide how the point system will work, but it must be described somewhere on the spreadsheet. Have a section which lists the participant's picks, including team, position, # of goals, and #of assists. Have a '**standings section**', which automatically adjusts which participant is in the lead and rank them from descending order.

When preparing your Excel proposal, focus on extremely specific objectives as proof that you explored the Excel online tutorial. Formulas are crucial -- try to anticipate what types of formulas & functions you might need when comparing prices.

What should I turn in for my Excel project packet?

What matters most is that you really explore Excel and feel comfortable with Excel skills. Formulas are the real power behind Excel. Definitely know the various ways to add up a column of numbers.

Use Complex Formulas for the Highest Grade