

EXCEL ACTIVITY

Yoda's School for Padawans

Come to my school for Jedi Knights!



Review of the following skills

- Formatting spreadsheet
- Inputting formulas
- Adjusting numbers and data
- Formatting landscape, gridlines, headers, footers
- Using function icons, etc.

1. Open an Excel file. Go to Page Set-up and make the adjustments necessary for **landscape mode** and a **footer with your name**. Change the Sheet name to Excel Padawan Activity.

2. Master Yoda is opening a new school for young Jedi knights. He must purchase the necessary equipment for the knights, pay for rent on a location, plus feed and house the young knights while they are in training. These would all be his **expenses**. In return, the Jedi "wannabe"s will pay Master Yoda money (tuition) Your job will be to create a spreadsheet that will help Master Yoda know how many students he can take, how much to charge them, AND make some money!

3. Set up your spreadsheet to appear as the one below.

	A	B	C	D
1	MASTER YODA'S SCHOOL FOR YOUNG JEDI KNIGHTS			
2				
3	EXPENSES			
4	Light Sabers	\$ 50.00		
5	Spacecraft	\$ 1,000.00		
6	Meals	\$ 500.00		
7	Rent	\$ 200.00		
8	Books	\$ 100.00		
9	EXPENSES Per Student			
10				
11	TUITION INCOME	\$ -		
12	Number of Students			
13	Tuition Per Student			
14				
15	PROFIT FOR YODA	\$ -		
16				

4. Format cells B4-B9, B11, B13, and B15 for currency.

5. In Cell B9, input a formula to determine the total expenses for each student.

6. In Cell B11, type the following formula to figure the total tuition income:
=B13*B12.

7. In Cell B15, type the following formula:
=B11-(B9*B12). Be sure to include the ().

8. Now the fun begins! Master Yoda isn't sure how many students to accept OR how much to charge each student for the class. You need to play around with different amounts in Cells B12 and B13 to end up with a PROFIT FOR YODA of \$20,000.00 (That's twenty thousand dollars!) Keep making adjustments to the tuition costs and/or number of students until you get a profit close to the \$20,000 mark. **WARNING!** Young Jedi Knights only carry money in \$100 dollar bills, so they cannot pay a tuition in anything other than multiples of \$100. (For example, tuition cannot be \$1550.) **Tuition cannot be over \$3000 per student and Yoda cannot handle any more than 35 students.**

9. Print Preview to make sure everything fits on one page, your footer shows your name. Save as Padawan Activity YOUR NAME in your shared folder.