

SAVE FOR YOUR CHILD'S EDUCATION

Enter information in range B23..B28 as indicated by labels in column A. Also, enter the date of the fifth of the current month in cell E21. Then press the CALC key. Enter savings interest and inflation as annual rates. The required monthly deposit appears in cell B40. Start your deposits on the fifth of next month.

If the expected long-term inflation rate changes before you've paid for your child's education, update all entries to reflect the current situation. Be sure to enter the current cost of tuition and the amount you've saved to date. Also, change the date in cell E21.

To begin with lower deposits that increase each month in pace with inflation, follow the schedule in columns D and E. Copy the formulas in range D40..E40 down as needed to extend the schedule beyond 16 deposits.

<<Press PageDown to work with the model>>

EDUCATIONAL SAVINGS MODEL

Fifth of this month:

Cost per year (now):	19000
Years for degree:	4
Fifth of the month school starts:	#VALUE!
Money already saved	108
After tax savings interest (nominal):	5.25%
Inflation rate (effective):	5.10%

Total cost (present value):	76000
Net future money needed:	#VALUE!
Money to save (present value):	#VALUE!
Monthly savings interest:	0.44%
Savings effective annual yield:	5.38%
Monthly inflation rate:	0.42%
Real monthly interest rate:	0.02%
Months to save:	#VALUE!
Present value of each real deposit:	#VALUE!

NOMINAL MONTHLY DEPOSITS:	#VALUE!

05/05/89

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Real-system deposits

06/05/89 #VALUE!
07/05/89 #VALUE!
08/04/89 #VALUE!
09/04/89 #VALUE!
10/04/89 #VALUE!
11/04/89 #VALUE!
12/04/89 #VALUE!
01/04/90 #VALUE!
02/03/90 #VALUE!
03/05/90 #VALUE!
04/05/90 #VALUE!
05/05/90 #VALUE!
06/05/90 #VALUE!
07/05/90 #VALUE!
08/05/90 #VALUE!
09/04/90 #VALUE!