## Educational Needs Analysis

For: Bart and Kristin Jones


Presented By:
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## Educational Needs Analysis

## A Review of Educational Funds Desired

| Year | (1) <br> Terry Jones, Age 13 | (2) $+\begin{gathered} \text { Tracy Jones, } \\ \text { Age } 11 \end{gathered}$ | (3) <br> Inflation Adjustment | (4) <br> Total Educational Funds Desired |
| :---: | :---: | :---: | :---: | :---: |
| 1 | 0 | 0 | 0 | 0 |
| 2 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 |
| 4 | 0 | 0 | 0 | 0 |
| 5 | 0 | 0 | 0 | 0 |
| 6 | 20,000 | 0 | 10,015 | 30,015 |
| 7 | 20,000 | 0 | 12,116 | 32,116 |
| 8 | 20,000 | 20,000 | 28,727 | 68,727 |
| 9 | 20,000 | 20,000 | 33,538 | 73,538 |
| 10 | 0 | 20,000 | 19,343 | 39,343 |
| 11 | 0 | 20,000 | 22,097 | 42,097 |


$\overline{80,000}$| 80,000 |
| :--- |
| 125,836 |
| 285,836 |

## Educational Needs Analysis

## Calculations

|  |  | Total | Additional |  |
| :---: | :---: | :---: | :---: | :---: |
| Assumed | Assumed Asset | Cash Flow | Asset | Inflation |
| Tax Bracket | Interest Rate | Required | Required | Adjustment |
| $31.00 \%$ | $7.00 \%$ | 285,836 | 199,731 | $7.00 \%$ |


| Year |  | Asset Activity Required |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | (1) <br> Educational Funds Desired | (2) <br> Beginning of Year Balance in Additional Asset* | (3) Balance in Additional Asset to Accrue (2) - (1) | (4) <br> Year End <br> After Tax <br> Accrual <br> Value of <br> Add'I Asset |
| 1 | 0 | 199,731 | 199,731 | 209,378 |
| 2 | 0 | 209,378 | 209,378 | 219,491 |
| 3 | 0 | 219,491 | 219,491 | 230,092 |
| 4 | 0 | 230,092 | 230,092 | 241,206 |
| 5 | 0 | 241,206 | 241,206 | 252,856 |
| 6 | 30,015 | 252,856 | 222,841 | 233,605 |
| 7 | 32,116 | 233,605 | 201,489 | 211,221 |
| 8 | 68,727 | 211,221 | 142,493 | 149,376 |
| 9 | 73,538 | 149,376 | 75,838 | 79,500 |
| 10 | 39,343 | 79,500 | 40,157 | 42,097 |
| 11 | 42,097 | 42,097 | 0 | 0 |

285,836

This table shows escrow calculations (columns 2, 3, 4) necessary to generate the cash flow shown in column (1). Calculation formulas are:

Column (3) = column (2) minus column (1)
Column (4) = column (3) plus after tax interest credit
*The source of the beginning balance in this column is either an allocation of current assets or, in the case of survivor planning, the assumed proceeds of a life insurance policy.

The above calculations are based on financial data and assumptions furnished by the client.

