Quadratic regression with the TI-86

DIRECTIONS: Before you begin, press `GRAPH y(x)=` and `CLEAR all equations`. Then press `2nd STAT PLOT Ploff ENTER`.

1. Clear previous data:
   `2nd STAT EDIT ▲ CLEAR ▼`
   use ◀ or ▶ to get to the next list, then repeat ▲ CLEAR ▼.

2. Enter new data:
   `2nd STAT EDIT enter inputs under xStat, and outputs under yStat`
   `enter a 1 under fstat to correspond to each data value EXIT`.

3. Quadratic regression:
   `2nd STAT CALC MORE P2Reg ENTER`.

4. To see the scatter plot: (You may need to adjust the window `GRAPH WIND` to see all the points.)
   `2nd STAT PLOT PLOT1 ENTER GRAPH F5:GRAPH`.

5. To see curve of best fit:
   `2nd STAT DRAW MORE DRREG`. 