Clean Cash
CVMMC 2009
Our Problem:

- To create a new realistic program for household items, similar to the “Cash for Clunkers”* program.
- We approached this issue through a political view (e.g. how we would present new legislation).
- We explored many ideas, such as: TV’s, fridges, dishwashers, windows, computer monitors, etc.
- In order to simplify our legislation we concentrated on dishwashers because they influence energy as well as water usage.

*Note: The “Cash for Clunkers” program is a voucher program that involved trading in an older vehicle for a newer, more environmentally friendly, fuel-efficient vehicle.
In creating this program we took into account:

- Discount offered
- Criteria of the old and new items
- Estimated cost of the program to taxpayers and
- Environmental impact of the program
Variables

- The variable in our model that we changed in order to predict its effectiveness was: the number of eligible people who would take advantage of the program.
- After experimenting with numbers of qualifying people and comparing that data with the costs and benefits, we estimated that 690,000 people would take advantage of this program.
- After testing several values of tax increases, we found the set value to be most reasonable compared to the benefits.
Strengths and Weaknesses

- The strengths of our model are:
  - The application of real world data and
  - The model is based of an successful past program.
- The weaknesses of our model are:
  - The assumptions on participation and
  - The assumption that there exists enough eligible dishwashers.
Future Goals

- The future goals of this model would be:
  - The program would stimulate our suffering economy,
  - The environmental benefits would outweigh the costs of the program and,
  - The program would encourage manufacturing and sales of more environmentally-friendly products.
References

- "ALL INC. ANNOUNCES ENERGY STAR EVENTS TO EDUCATE CONSUMERS ABOUT GREEN COST-SAVING OPTIONS." The appliance and cabinet destination. All Inc., 2009.