Sustainability

or

"Green Engineering"

by

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What is Engineering?

- Technology + math + science to design things
  - Cell phones & artificial legs
- Physics + math to solve problems
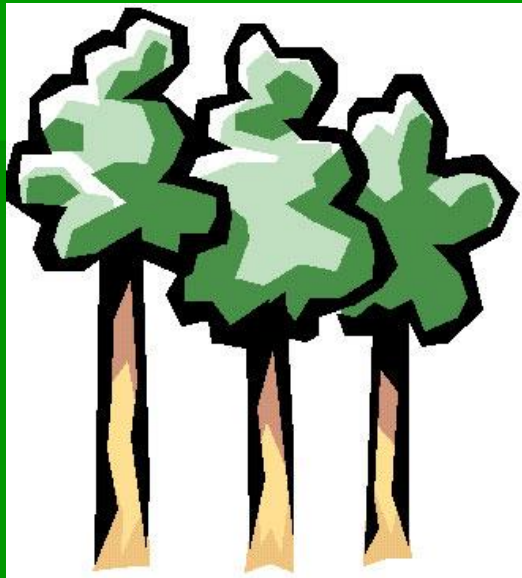- Computer programs like CAD: creates drawings & 3D modeling

Engineering students are really COOL!!!!

What is Green Engineering?

- Science: nature + natural resources
- Engineering: man-made things + inventions designed
- Science + Engineering = GREEN ENGINEERING
  - Engineering that improves our Earth
  - Pollution control, recycling
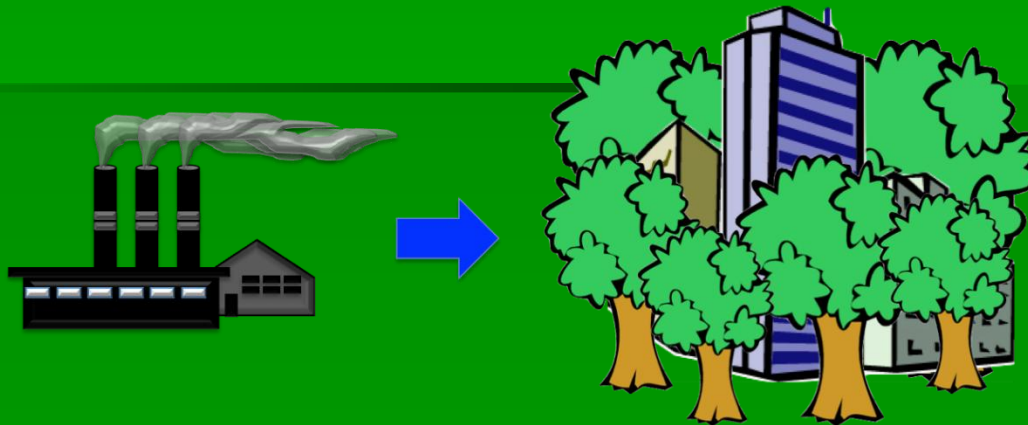 - Global warming, waste management

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What is green?

- the color of trees & plants
- the color of vegetables & healthy food
- the color of our planet Earth
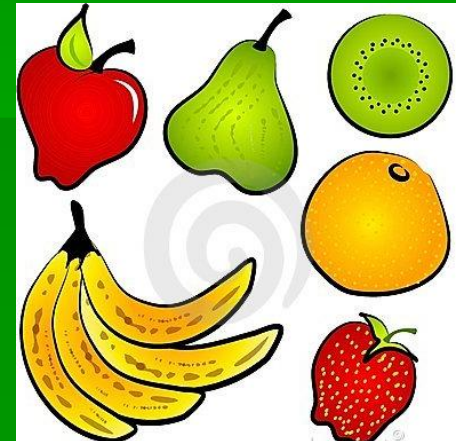
What does "greening" something mean?

- house: more sunshine, less electric heat
- things: natural made, no machine
- ocean: more happy & healthy fish, plants

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What else does "greening" mean?

- house: keeps things cooler, not too hot
- things: re-using & re-cycling
- food: healthy & cleaner

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How do we "green" things?

- Sustainability
- Water Efficiency
- Energy
- Materials & Resources

(Check out 4 FUN boards I created for you!)

Why should we "green" something today?

WE WANT TO SAVE OUR EARTH!!

- we want our fish & animals to survive & produce more & not be endangered

- we want to eat & breathe healthy

- we want to save our natural resources (water, trees, energy, sun) by using them efficiently

- we want to save electricity by using our own through wind or sun & save $$$ on electric bills

- we want some vitamin D from the sun for our skin, not eye sore from light bulbs!

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What are we doing today?

- we are learning about green building
- we want to eat healthy
- we want to HAVE FUN!!!!

Let's make a GREEN HOUSE!!!