2nd Grade
10th Grade
JROTC

• SPE
• SWE
• ASME

Senior Year in College
About Me
Signs of a Future Engineer or Scientist

• Wants to fix things
• Never stops talking
• Asks lots of questions about things that seem far fetched
• Happy to work alone or with little supervision
• Reads / Watches science fiction & science fact
• Curious about other parts of the world and ancient civilizations
• Doesn’t care for Math but curious about geometry and trigonometry
20 Years of Engineering

- Trigonometry
- Physics
  - Forces
  - Velocity
  - Acceleration
- Chemistry
  - Compounds
  - Chemical Reactions
20 Years of Engineering

- Thermodynamics
- Fluid Mechanics
- Physics/Statics
  - Forces
  - Friction
  - Velocity
  - Acceleration
- Electrical /Circuits
- Programming Logic
- Materials Science
Why Leadership in Science & Engineering?

• 1st Generation
• Lack of Role Models
• 4 Generations in the work fore
The Baby Boomer Model is disappearing
Jennifer Bell

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My Story

• Clear Creek High School
• 2nd to leave City for College
• Non traditional student