Home Grown R/C Vehicle

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Doherty Middle School Engineering

• 9 Week project for 8th grade Students
• 36 to 38 class periods, 45 minutes
• All students take the class
• Assessment
  – Portfolio
  – Interim check points
  – Construction Log
  – Short quizzes
MA State Frameworks

• 1) Materials, Tools, Machines
• 2) Engineering Design
• 3) Communication Technologies
• 6) Transportation Technologies
Project Steps

- Overall design concept
- Design & Build Base
- Base Testing & Redesign
- Mission Selection
- Design & Build Mission
- Mission Testing & Redesign
- Final Assessment including Disassembly
Base Test Slalom Driving
Unlimited Creativity
More Information

- www.youtube.com/user/teachengineering
- www.dmseng.com