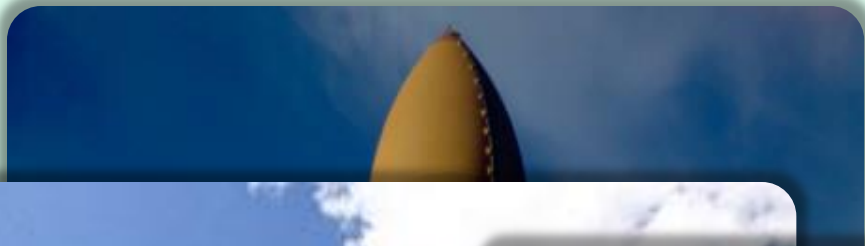


# Transportation Tech For Girls and Boys



Teacher  
Mrs. Audet

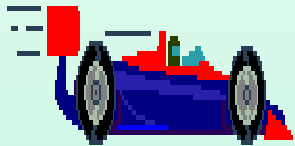




# Problem Solving

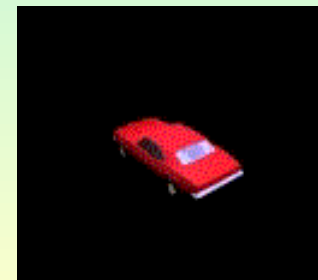


Think like an Engineer



# Dragster Cars

Design and test.....



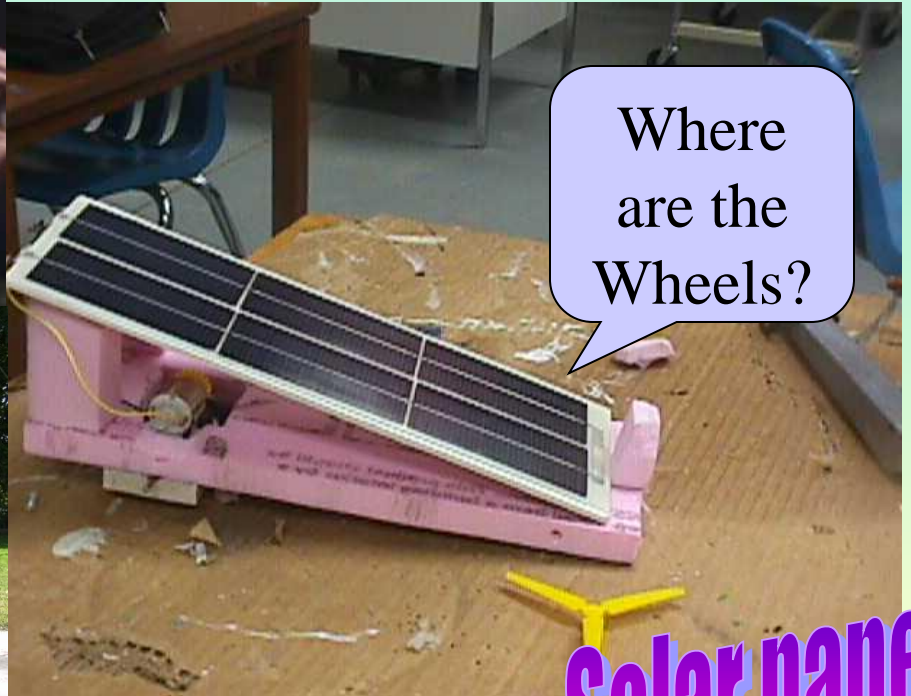
# Fuel the Future

Cool Glasses!



## Solar Car

Where are the Wheels?



Solar panel



# Fuel Cell and Hybrid Vehicles



**TOYOTA PRIUS**



**HONDA CIVIC HYBRID**

# High speed trains



[www.AboutShanghai.com](http://www.AboutShanghai.com)



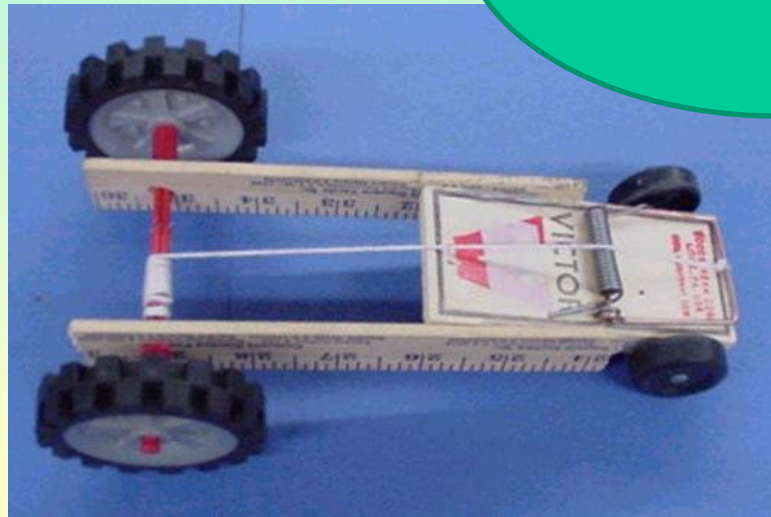
# Maglev trains







Click on Mickey

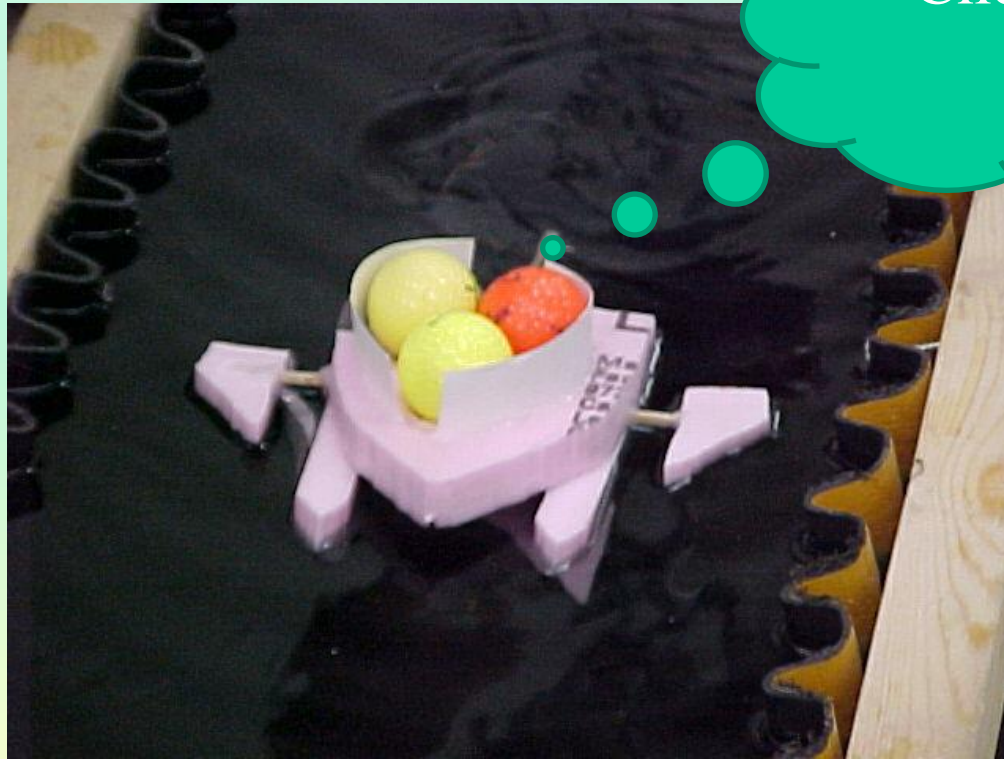


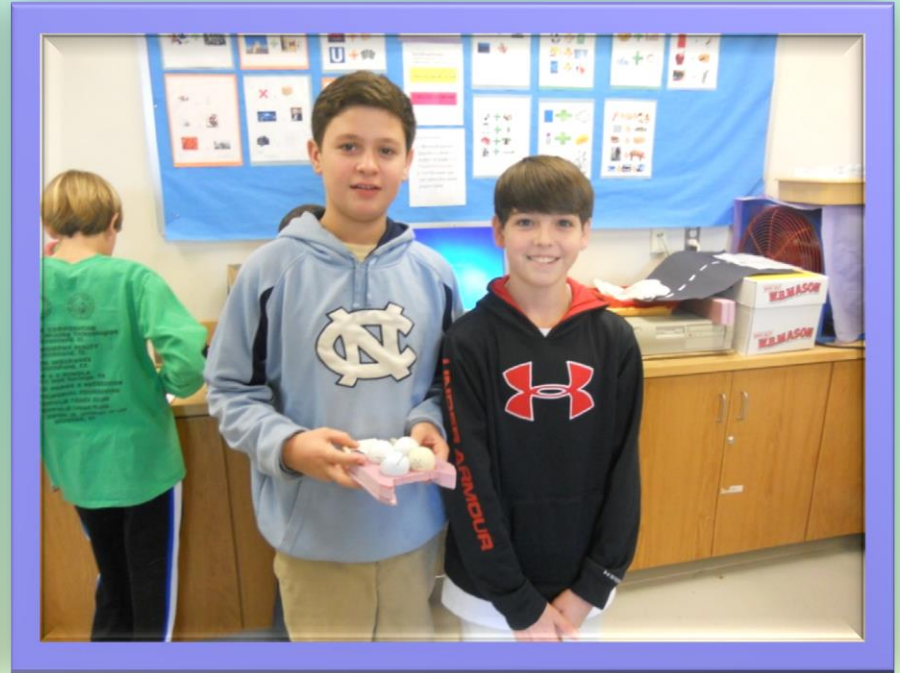
Design Mouse trap cars



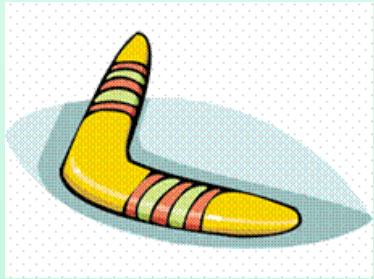
# Boat Challenge

Click on the  
Boat





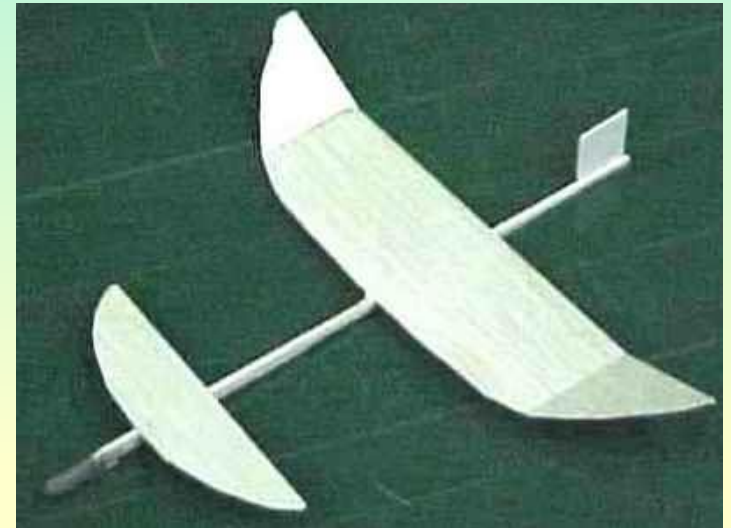
# Lighter Than Air and Heavier Than Air Vehicles



**Make Boomerangs**

**Design of wings and  
airfoils**

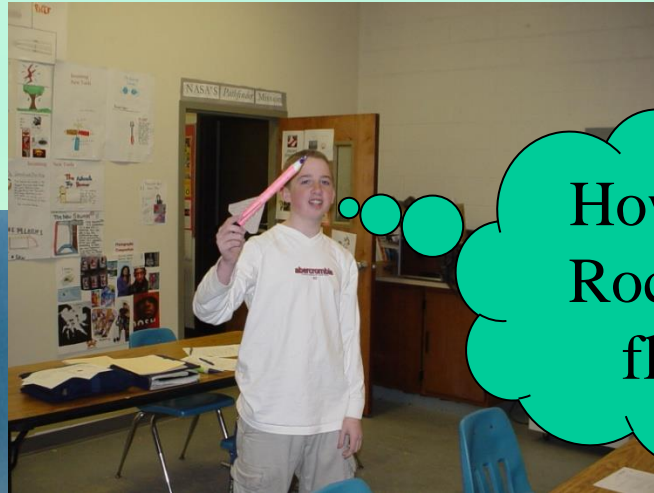
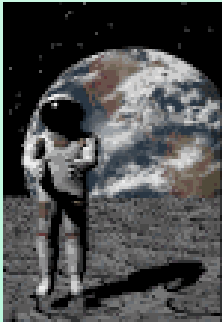
**Gliders**



# Robotic Vehicles

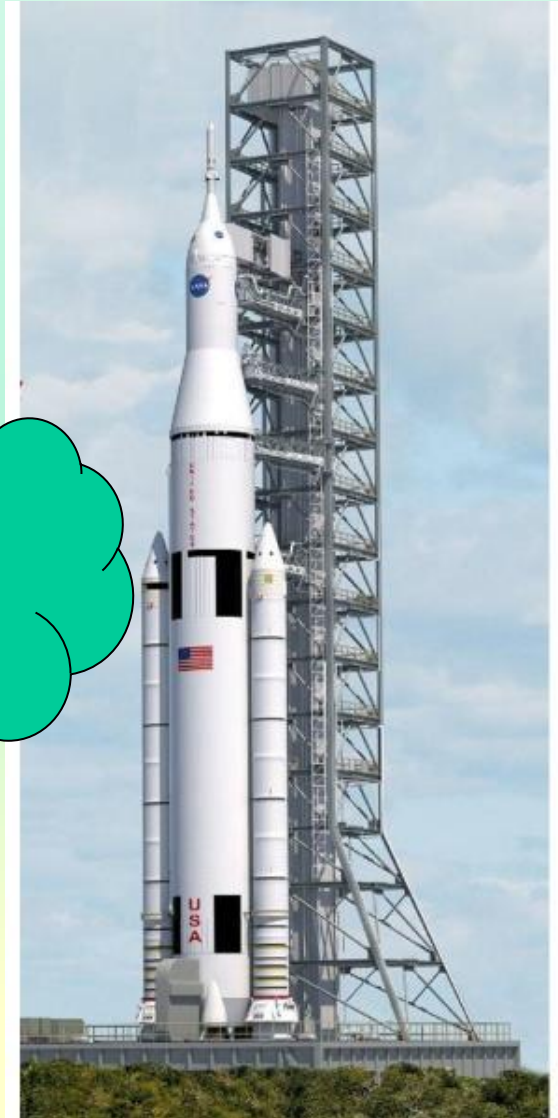


# *Rockets: Make Them and Fly Them*



How do  
Rockets  
fly?

Aerodynamics

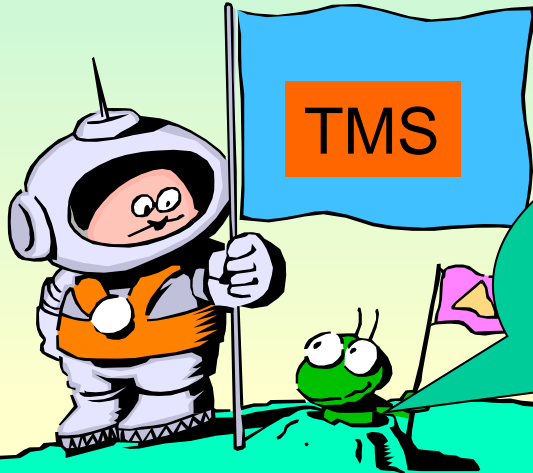


# Rockets



3 2 1

Want to be an astronaut?



# Transportation Tech – a STEM course

**Governor's plan for CT** is a 47% expansion in the total number of Science, Technology, Engineering, and Mathematics (STEM) graduates in the next 10 years

