

# **The Automobile in 2020**

Brainstorming Results January 5, 2010

- Copy from Students Input on Blackboard -

## Hopes

- Limited release of fully autonomous cars
- Co<sub>2</sub> emission replace horse power in the car culture
- Moving away from fossil fuels impacts world order (economics, politics)
- Enable people to drive who currently cannot (elderly, disabled)
- Use cell phone technology to reduce congestion by analyzing traffic flow
- Mentality moves to be more practical and realistic with car ownership
- Number of fatalities falls dramatically due to sensing, etc.
- Driving experience will still be fun

## Fears

- Safety will not improve (traffic gets worse, driver distraction)
- Moving away from fossil fuels impacts world order (economics, politics)
- Shift away from fossil fuels does not happen (due to manufacturers and / or consumers)
- People will exercise less due to mobility options
- Loss of privacy due to widespread GPS technology
- Legal system will inhibit autonomous vehicle (and inhibit to save lives)

## Expectations

- 50% of all new vehicles will not have a tank
- Full internet access in the car, augmented reality
- Huge step forward with driver assistance technology towards autonomous driving