

Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Wheels & Levers

## What is Needed to Design a Safe Vehicle?



**Discover:** Are Modern Vehicles Becoming too Complicated?

### **Question**

Is technology in vehicles making driving better, or is it making vehicles too complicated to control?

### **Resources**

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Access the website links from the online course.

- Podcast: Consumer Electronics, Driver Distraction, and You
- Video: Distracted Driving - Stereos, GPS, and Other Electronics
- YouTube Video: Explaining Adaptive Cruise Control
- YouTube Video: How ABS (Anti-Lock Brakes) Work
- Video: Driven to Distraction
- Webpage: In-car technology is starting to get way too distracting.
- Webpage: Are cars to blame for distracted driving?
- Webpage: Technology driving motorists to distraction.
- Website: CAA - Distracted Driving
- Webpage: Trying out in-car technology on your next test drive.
- Webpage: The new Wild West.
- Webpage: Warning as in-car gadgets drive motorists to distraction.

## Instructions

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- 1 Access all the *Debate Internet Information* in the course content. It has information on how vehicles are becoming more complicated and how this is affecting the control people have over their vehicles. As you access all the *Debate Internet Information*, read, listen, or watch the information carefully, and make notes in your ***P-M-I Debate Log***.

If you want more information for the debate, do some of your own Internet searching as well. Good Internet search terms to start with are "car technology too complicated distracted".



### Skill Builder

How to search on the Internet.

If you need to use this [Skill Builder](#), access it from the online course.

- 2 **The P-M-I (Plus-Minus-Interesting) Debate Log** has three columns:

- i Technology: Positive Effects for Driving (Plus)
- ii Technology: Negative Effects for Driving (Minus)
- iii Interesting Facts

Add notes, according to what you have learned from the *Debate Internet Information*, to the ***P-M-I Debate Log***.

For example, if you learn from the *Debate Internet Information* that some cars have GPS systems that can help lost drivers find their way (which is a good thing!), you would add that as a note to the **POSITIVE** column. This has been added to the *P-M-I Debate Log* for you as an example.

- 3 Review the **PMI Debate Log** and choose a position by deciding on your opinion about the question, "*Is technology in vehicles making driving better, or is it making vehicles too complicated to control?*" Add your position to the chart and explain why.
- 4 What additional information can you think of to contribute to this debate? Add this to your chart.

## P-M-I Debate/Discussion Log

### Technology:

**POSITIVE (Plus) Effects for Driving**

-GPS systems help lost drivers find their way

### Human Actions:

**NEGATIVE (Minus) Effects for Driving**

### Things I find Interesting

**What is your position? Why?**