

8th Grade
Text Resources

Google's Self-Driving Car Video:

<https://youtu.be/CqSDWoAhvLU>

Phenomenon that can be shared with students as a hook at the beginning of Big Idea #3, to lay foundation for the district common assignment.

How Does Google's Driverless Car Work?:

<https://youtu.be/ftouPdU1-Bo>

Video clip that explains a brief history of how driverless cars came about, then details about how these cars work. Challenge- How do we differentiate between vehicle enhancements that focus on car collisions (materials used to build the car body) vs. the technology being used in these cars (lasers, etc.)? Do we instead have students argue that driverless cars are safer to have on the roads? If so, how do we still address the engineering component of MS-PS2-1?

Accident News and Resources:

<http://accidentdatacenter.com/us/california/fresno-visalia-ca>

A site with numerous links for information about car accidents in the Fresno-Visalia area and information about the political side of car accidents (insurance).

Fatal Car Crashes and Road Traffic Accidents in Fresno, CA:

<http://www.city-data.com/accidents/acc-Fresno-California.html>

Statistics on car accidents in our region from 2014 and 2015. Consider- Do we have students argue whether or not self-driving cars should be promoted in Fresno as a safer alternative on our roadways?