

# Safe Driving Lesson Plan

## Probability

**Grade level:** 10-12

**Subject area:** Math

**Duration:** 20-50 minutes

**Objectives:**

Students will do the following:

- Review the possible consequences of making risky choices
- Become familiar with statistics involving teens crashes

**Materials:**

- Impact Posters
- Impact Probability Wheel
- Impact DVD mini-documentaries

**Procedures:**

- Review the statistics using the Impact Probability Wheel (also available via [www.impactteendrivers.org](http://www.impactteendrivers.org)).
- Break the students up into groups and have them calculate the statistics of different risky behaviors behind the wheel (i.e. driving with two friends during daylight while eating).
- Have the students write three word problems involving statistics and risky drivers.

**Standards:**

The following content standards are from the California State Board of Education for students in grades 9-12.

- Students know the definition of *conditional probability* and use it to solve for probabilities in finite sample spaces.