

Write these two numbers down for your assignment: The speed of sound and the speed of light.

The speed of sound:

340.29 m/s

(That's 761 miles per hour)

The speed of light:

299,792,458 m/s

(That's 670, 616, 629 miles per hour)

The sound barrier was broken in 1947 by Chuck Yeager in a plane. It wasn't until 1997 that someone achieved the same thing in a car! We will never be able to travel faster than the speed of light!



When objects travel faster than the speed of sound they create sonic booms. We will learn about this and the Doppler effect next class!