

Name:

SPEED, PHYSICS AND CRASHES

Activity 2: Exploring head on crashes

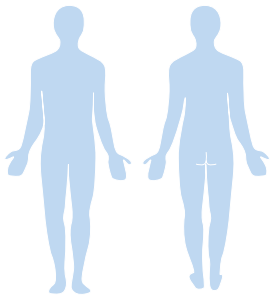
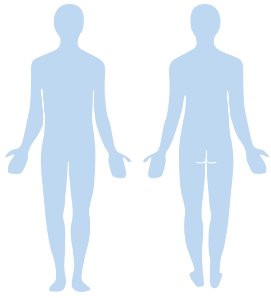
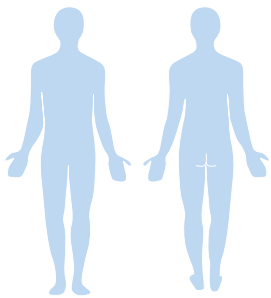
Introduction

You will be completing a series of activities both on/offline about different crash types. This activity explores the impact of head-on crashes at different speeds on the human body.

Throughout the activities, you will be asked to access videos located [here](#). We recommend using Chrome, Safari or Edge.

1. Before watching the 'head-on crash' videos

If two vehicles travelling in opposite directions are involved in a head-on crash what will be the impact on the vehicles and the driver? Record your ideas in the table below. Describe the impact to the vehicles in words, then shade and label the impact(s) to the human body.

Speed (km/h)	Impact on vehicles	Impact on driver
30		
50		
70		

2. After watching the 'head-on crash' videos

Now watch the **Head-on Crash** videos. Were your predictions in the table above correct? Use a different colour pen/font to check and/or annotate your work based on what you learnt in the videos.