



# The right formula

Taking driving into the classroom

## Driving Skills – Theme 2: In-car protection

### Activity 2b

### Protection for on-road drivers and passengers

- Find out about each of the safety features listed below.

**Car frame**

**Crumple zones**

**Seatbelts**

**Airbags**

**Head restraint**

- Write a short paragraph on how each feature helps keep on-road car occupants (drivers and passengers) safe and under which circumstances. You can use pictures and/or diagrams to illustrate your points.
- Compare a normal car's safety features with those of a racing car (see Activity 2a). Discuss/debate the following:
  - Do racing or on-road cars offer higher protection to their occupants?**
  - Are there any features of racing cars that could be adapted to use with on-road cars?**
- Scenario** (work in groups) – a consumer group is pressing for the introduction of a new law that would require on-road car occupants to wear a crash helmet. They believe this would save lives and prevent serious injury.

You have been tasked by the Parliamentary Advisory Council for Transport Safety (PACTS) to look into the issue and present a report and your recommendations. They are particularly keen to find out if wearing crash helmets has helped reduce injury to other road users (motorcyclists, cyclists, horse-riders).

### Class organisation

Individual work

Whole class discussion/debate

Groups of 5-6

### Resources

Factsheet 2b:  
About PACTS