



The right formula

Taking driving into the classroom

Vehicle Dynamics – Theme 4: Stopping

Activity 4a

Friction is the key

Friction is the most important factor when it comes to slowing down or stopping a vehicle. Friction is equally important for a lot of other things we do every day. Sometimes friction makes things possible, other times it makes it difficult for us to complete a task.

- Look at some everyday activities listed on **Worksheet 4a: Friction in action**.
- Think about the role of friction for each activity – does it help or does it hinder us? Put a tick as appropriate (tick both boxes if you think friction both helps and hinders). Write a short explanation of what is the role of friction for each activity.
- Imagine what the world would be like without friction and write a short essay on the topic. Let your imagination go wild! What would people do to stop? You can use humorous cartoons to illustrate your essay.

Class organisation

Individual work

Resources

Worksheet 4a:
Friction in action

Factsheet 4a:
About friction