Wk 3 1st Law

2 Slippery Roads & Seatbelts

1. What is the 1st Law of Motion?

2. Take a look at the Slippery Road videos at mrmont.com.
   a) What force do cars depend on to speed up, slow down, or turn?

   b) What kind of motion will vehicles have if they do not get that force?

3. Take a look at the Seatbelts etc. videos at mrmont.com.
   a) When the car crashes, what happens to unbelted passengers? How does the 1st Law of Motion relate here?

   b) In terms of the 1st Law, what is the role of the seatbelt?

4. What should you do if you start hydroplaning or hit ice?

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