



Movement - Teacher Notes

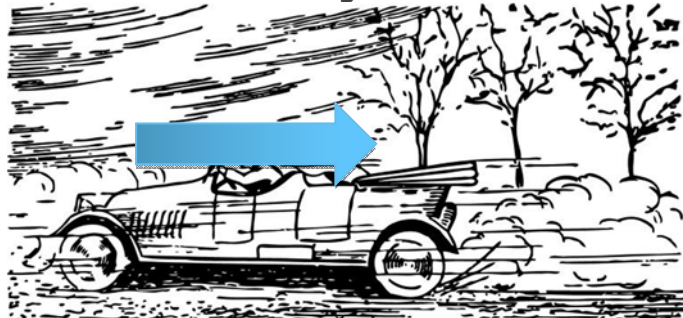
As adults we realise that movement can be relative but many younger students measure movement relative to themselves. Please read the comments above each picture for the students. They should then be asked to look at these pictures and judge if the comments are true or false. The blue arrow indicates the sensation of movement "felt" by the observer.

A: The parachute jumper said that it felt like the Earth was flying up to meet him when they jumped from the plane.



False. The Earth stayed still and the jumper moved towards it.

B: The racing car driver said that the countryside was speeding past the window of the car when he drove along the road.



False. The countryside stayed in place the car moved by it quickly.



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C. Joey spent all day at the beach and watched the Sun move across the sky until it was time to go home.



False. The Sun remains in the same position in the sky and the Earth spins.

D: A boy and his cat went fishing on a summer day as the spinning Earth made the Sun appear to move in the sky. Of course the Sun actually stayed still while the Earth moved round.



True