

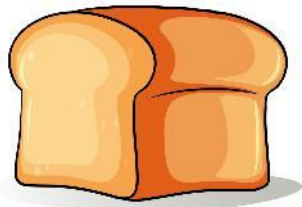
Four Science Questions for your enjoyment!

Here is an old type of bicycle called a penny farthing. When it is being ridden along which statement is true?

- A: both wheels are going round at the same speed
- B: the front wheel is going faster than the back wheel
- C: the back wheel is going faster than the front wheel



If you make bread from flour, yeast, water and a little oil some recipes suggest adding some sugar. Why do you think this is?



- A: so it tastes nicer
- B: so the bread rises more
- C: so you get more energy from eating it

A bus uses much more fuel than a car. Why are busses better for the environment than cars?

- A: they cause following traffic to go slower
- B: a bus carrying 20 people uses less fuel than 20 cars
- C: they can carry your shopping easily



An ant is sitting on a bicycle wheel. Inside the rim, not on the tyre so he won't get squashed! As the bike goes along which is true:

- A: the ant goes further than the rider
- B: the ant and the rider go the same distance



On sailing ships there was a look out positioned up a mast in the crow's nest. Why was this crow's nest at the top of the mast?

- A: So the horizon became farther away for the sailor in the crow's nest
- B: So the sailor could see the curvature of the Earth
- C: So the sailor would be out of harm's way

