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Going on Vacation by Robert

Article published on April 1st 2012 | K-12 Education

Summer time has come once more and youâ€™ve probably already have planned your vacation trip weeks before. Whether youâ€™re going on a beach holiday to the Bahamas or visiting the emerald city of Dubai, there must have been a lingering thought inside your head: how far away is the destination I plan to visit from where I live? As it is stated in the laws of physics, time is directly proportional to distance and the farther you go the more time it will take to get there.

Let us now assume for a moment that you live in Bristol, Connecticut and your travel destination is somewhere in the Bahamas; however, after your vacation you are required to travel to London on a business trip assigned to you by your company. Youâ€™ll be covering almost 2,000 kilometers alone if you travel from Connecticut to the Bahamas for your vacation. Then youâ€™ll cover another 7,000 kilometers on your way to London for a business trip and youâ€™ll travel another 5,000 kilometers or more to travel back home. That is a very long trip!

Considering now that the fastest way to travel to these destinations is by air, you will probably make three airplane trips going from one place to another. A passenger jet normally cruises at 500 miles per hour, so we use these equations to understand how long it will take to travel to each destination:

TimeConnecticut-Bahamas = 2,000 kilometers

500 miles per hour

2,000 kilometers x 1 mile = 1,243 miles TimeConnecticut-Bahamas = 2.486 hours

1.609 kilometers 500 miles per hour

7,000 kilometers x 1 mile = 4350.528 miles

1.609 kilometers

TimeBahamas-London = 4350.528 miles TimeBahamas-London = 8.7 hours

500 miles per hour

5,000 kilometers x 1 mile = 3107.52 miles

1.609 kilometers

TimeLondon-Connecticut = 3107.52 miles TimeLondon-Connecticut = 6.21 hours

500 miles per hour

Of course there are still some extra travelling done on land going to your precise destinations, therefore the amount of time travelled may be more than what is shown above.

The future of air travel will be more convenient and efficient at the same time. For instance Airbus has recently unveiled their future designs of aircraft slated for release in 2050. The design shows a huge jumbo jet with glass covered top (probably high density plexiglass) allowing passengers to

view the sky like a planetarium. The fuel consumption will be 3 liters of high-octane methane per 100 kilometers of flight per passenger! At a time when the world will probably no longer depend on oil methane and ethanol gas will serve as a viable renewable energy source to power our machines. This means that youâ€™ll probably travel these same distances at half the time it took 40 years from now.

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