

Year 10 & 11 Physics Challenge

Imagine you're on the top floor of a tall building when you see a dolphin go past the window at speed. Do you:



- a) Assume it was a trick of the light and it was actually a large bird;
- b) Slap your face in the hope of waking yourself up;
- c) Assume the dolphin was in freefall, undergoing projectile motion, and so undertake some quick calculations based on an estimate of its speed to work out where it was launched from;
- d) Based on estimates of size and weight, calculate whether the windspeed in a tornado is enough to pull a dolphin out of the sea and, if not, become worried?

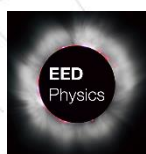
If you answered C or D and you know your volts from your amps, then the KS4 Physics Challenge could be for you!

Date: Friday 13th December 2019
12.00pm – 4.00pm

Venue: Exeter Phoenix
Gandy Street
Exeter
EX4 3LS

Format: Teams of four with three rounds:
- Estimates
- Practical Challenge
- The VERY Hard Question Round

For further information, please contact:
events@exeterms.ac.uk



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