

Physics Sixth Form Induction Home Learning

- Sign up for Qubit with the Institute of Physics http://www.iop.org/education/student/youth_membership/page_41684.html
- Definitions: Learn the definitions for HFS (section 1)
- Pick a sport of your choice. In HFS for example you look at climbing, Bungee jumping and Ski jumping. Write a detailed account about all of the Physics that is involved (you may be asked to give a short presentation on this). Think about how advances in technology have made the sport possible, improved performance in the past and how it may improve it in the future. It is not intended that this be a general description of a sport it is the Physics we are interested in.
- Go to www.s-cool.co.uk and in the A level Physics section in Vectors and Scalars and linear motion. Read this through and make detailed notes:

Vectors and Scalars - What's the Difference and Vector Addition

Resolving Vectors into Components