Edexcel iGCSE Physics 4PH0 Learning Plan

|  |
| --- |
| **Section A1: Movement and Position** |
| Specification | Resources | Assessment |
| 1.2 plot and interpret distance-time graphs 1.3 know and use the relationship between average speed, distance moved and time: 1.4 describe experiments to investigate the motion of everyday objects such as toy cars or tennis balls 1.5 know and use the relationship between acceleration, velocity and time: 1.6 plot and interpret velocity-time graphs 1.7 determine acceleration from the gradient of a velocity-time graph 1.8 determine the distance travelled from the area between a velocity-time graph and the time axis. | Video: Section 1 General Physics – Lesson 2 – Speed, velocity and acceleration.Powerpoint: 2 – Speed, velocity and acceleration.Textbook Page 1 SpeedPage 3 Distance-time graphsDVD Video Clip Distance-time graphsPage 4 AccelerationPage 7 Velocity-time graphsDVD Video Clip Velocity-time graphsPage 9 Speed investigations using ticker tapeDVD Revision check list | TextbookQuestions Pages 10 -11Textbook Answers (PDF)DVD Multiple choice testSection 1A Exam question (PDF)Section 1A exam question mark scheme (PDF) |

Videos – www.igcsesciencecourses.com

Textbook Ref: Edexcel International GCSE Physics Student Book - Pearson

DVD Video Clips – see resource DVD in textbook.