CiE iGCSE Physics 0625 Learning Plan

|  |  |  |
| --- | --- | --- |
| **Section 3: Mass and Weight** | | |
| Specification | Resources | Assessment |
| **Core**  Show familiarity with the idea of the mass of a body  • State that weight is a gravitational force  • Distinguish between mass and weight  • Recall and use the equation W = mg  • Demonstrate understanding that weights (and hence masses) may be compared using a balance  **Supplement**  Demonstrate an understanding that mass is a property that ‘resists’ change in motion  • Describe, and use the concept of, weight as the effect of a gravitational field on a mass | Video: Section 1 – General Physics – Lesson 3 – Mass and Weight  Powerpoint: Lesson 3 – Mass and Weight  Textbook:  Page 42 Force, weight and gravity.  (Page 44 Action and Reaction) | Textbook  Questions Pages 50-51; 9, 10, 11  Textbook Answers page 327  DVD Diagnostic Test – 2. Forces and Motion + Answers  Talking Paper video – Section 3 - Mass and Weight (mp4)  Exam Q3 – Mass and Weight (pdf)  Exam Q3 – mark scheme (pdf) |

Videos – www.igcsesciencecourses.com

Textbook Ref: Complete Physics for Cambridge iGCSE (Stephen Pople) - OUP

DVD Assessments – see resource DVD in textbook. (‘Throughout the course’ tab)