CiE iGCSE Physics 0625 Learning Plan

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| **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 WeightPowerpoint: Lesson 3 – Mass and WeightTextbook:Page 42 Force, weight and gravity.(Page 44 Action and Reaction) | TextbookQuestions Pages 50-51; 9, 10, 11Textbook Answers page 327DVD Diagnostic Test – 2. Forces and Motion + AnswersTalking 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)