CiE iGCSE Physics 0625 Learning Plan

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| **Section 7: Forces 3** |
| Specification | Resources | Assessment |
| **Core**1.5.4 Centre of mass • Perform and describe an experiment to determine the position of the centre of mass of a plane lamina • Describe qualitatively the effect of the position of the centre of mass on the stability of simple objects 1.5.5 Scalars and vectors**Supplement**Understand that vectors have a magnitude and direction • Demonstrate an understanding of the difference between scalars and vectors and give common examples • Determine graphically the resultant of two vectors | Video: Section 1 – General Physics – Lesson 7 – Forces 3Powerpoint: Lesson 7 – Forces 3Textbook Page 56 Centre of MassPage 46 More about vectorsPage 48 Moving in circles | TextbookPage 47 Questions (1) to (3)Mark Scheme Page 326Page 57 Questions (1) to (3)Mark Scheme Page 327DVD Diagnostic Test – 2 Forces and MotionDVD Revision Checklist – 2 Forces and MotionTalking Paper Video – Section 7 Forces 3 (mp4)Exam Q7 Forces 3 - (PDF) Exam Q7 Mark Scheme – pdf |

Videos – www.igcsesciencecourses.com

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

DVD Assessments – see resource DVD in textbook.