CiE iGCSE Physics 0625 Learning Plan

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| **Section 11: Pressure** | | |
| Specification | Resources | Assessment |
| **Core**  • Recall and use the equation p = F / A  • Relate pressure to force and area, using appropriate examples  • Describe the simple mercury barometer and its use in measuring atmospheric pressure  • Relate (without calculation) the pressure beneath a liquid surface to depth and to density, using appropriate examples  • Use and describe the use of a manometer  **Supplement**  • Recall and use the equation p = h ρ g | Video: Section 1 – General Physics – Lesson 11 - Pressure  Powerpoint: Lesson 11 - Pressure  Textbook  Page 62 Pressure  Page 64 Pressure in liquids  Page 66 Hydraulic systems  Page 68 Pressure from the air  Page 70 Gas pressure and volume  Page 72 Pressure problems | Textbook  Page 63 Qs 1 to 4 Pressure  Page 65 Qs 1 to 3 Pressure in liquids  Page 67 Qs 1 and 2 Hydraulic systems  Page 69 Qs 1 to 6 Pressure from the air  Page 71 Qs 1 to 3 gas pressure and volume  Page 73 Qs 1 and 2 Pressure problems  All answers on page 327  Pages 74 -75 Forces and Pressure extra questions.  Answers on Page 327  DVD Diagnostic tests – 3.  Forces and Pressure + Answers  Talking paper – CiE Physics Section 11 Pressure (mp4 video)  Exam Q11 Pressure – pdf  Exam Q11 Mark Scheme - pdf |

Videos – www.igcsesciencecourses.com

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

DVD Assessments – see resource DVD in textbook.