CiE iGCSE Physics 0625 Learning Plan

|  |
| --- |
| **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 - PressurePowerpoint: Lesson 11 - PressureTextbook Page 62 PressurePage 64 Pressure in liquidsPage 66 Hydraulic systemsPage 68 Pressure from the airPage 70 Gas pressure and volumePage 72 Pressure problems | TextbookPage 63 Qs 1 to 4 PressurePage 65 Qs 1 to 3 Pressure in liquidsPage 67 Qs 1 and 2 Hydraulic systemsPage 69 Qs 1 to 6 Pressure from the airPage 71 Qs 1 to 3 gas pressure and volumePage 73 Qs 1 and 2 Pressure problemsAll answers on page 327Pages 74 -75 Forces and Pressure extra questions.Answers on Page 327DVD Diagnostic tests – 3.Forces and Pressure + AnswersTalking paper – CiE Physics Section 11 Pressure (mp4 video)Exam Q11 Pressure – pdfExam 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.