Edexcel iGCSE Physics 4PH0 Learning Plan

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| **Section E19: Density and Pressure** |
| Specification | Resources | Assessment |
| 1.8 Pressure **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: 1 – General Physics – Physics 11 - PressureTextbook: Ch.19 – Density and PressurePage 162 – DensityPage 164 – Pressure under a solidPage 165 – pressure in liquids and gasesPage 167 – Pressure and depthPage 168 – End of Chapter ChecklistEdexcel iGCSE Physics Student Checklist Section E19.docDVD Revision check list | TextbookPage 168 – Questions 1 to 3Textbook Answers (PDF)DVD Multiple choice testTalking paper – Edexcel Physics Section E19 – Density and PressureSection E19 Exam Question –. (pdf)Section E19 Exam Question – Mark Scheme. (pdf) |

Videos – www.igcsesciencecourses.com

Textbook Ref: Edexcel International GCSE Physics Student Book - Pearson

DVD Video Clips – see resource DVD in textbook.