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| WEEK | DATE | Experiment Title | **HWs & Quizzes\*** |
| 1 | 25-29/08 | Group-1 and 2: Measurements and Errors/Constant Velocity |  |
|
| 2 | 01-05/09 | Group-1: Uniform Acceleration (Newton’s 2nd Law) |  |
| Group-2: Simple Pendulum |
| 3 | 08-12/09 | Group-1: Inclined Plane  |  |
| Group-2: Gas laws |
| 4 | 15-19/09 | Group-1: Free Fall | HW-1, Quiz-1 |
| Group-2: Viscosity |
| 5 | 24-30/09 | Group-1: Projectile motion |  |
| Group-2: Archimedes principle (pt.1 and pt. 2)  |
| 6 | 01-07/10 | Group-1: Conservation of Energy and Momentum |  |
| Group-2: Archimedes principle (pt.3) and density measurement  |
| 7 | 08-14/10 | Group-1: Centripetal force | HW-2, Quiz-2 |
| Group-2: Conservation of mass |
| Switch Labs |
| 8 | 15-21/10 | Group-2: Uniform Acceleration (Newton’s 2nd Law) |  |
| Group-1: Simple Pendulum |
| 9 | 22-28/10 | Group-2: Inclined Plane  |  |
| Group-1: Gas laws |
| 10 | 29/10-04/11 | Group-2: Free Fall | HW-3, Quiz-3 |
| Group-1: Viscosity |
| 11 | 05/11-07/1117/11-18/11 | Group-2: Projectile motion |  |
| Group-1: Archimedes principle (pt.1 and pt. 2)  |
| 12 | 19-25/11 | Group-2: Conservation of Energy and Momentum |  |
| Group-1: Archimedes principle (pt.3) and density measurement  |
| 13 | 26/11-02/12 | Group-2: Centripetal force | HW-4, Quiz-4 |
| Group-1: Conservation of mass |
| 14 | 03-09/12 | Group-1: Practical Final Test-pt1 |  |
| Group-2: Practical Final Test-pt2 |
| Switch labs |
| 15 | 10-16/12 | Group-2: Practical Final Test-pt1Group-1: Practical Final Test-pt2 |  |
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