



### Year 12 Physics Mock – June 2025

1 x 2 hour paper

1 x 70 minute paper: practical skills

| Exam Content: Paper 1                              | R | A | G |
|--|---|---|---|
| Measurements and their errors                      |   |   |   |
| Particles  |   |   |   |
| Electromagnetic Radiation and quantum phenomena    |   |   |   |
| Progressive and Stationary Waves                   |   |   |   |
| Refraction, diffraction, and interference          |   |   |   |
| Force, energy, momentum                            |   |   |   |
| Materials  |   |   |   |
| Electricity  |   |   |   |
| Circular motion                                    |   |   |   |
| Simple Harmonic Motion                             |   |   |   |
| Exam Content: Paper 2                              | R | A | G |
| Practical 1: Stationary waves on a string          |   |   |   |
| Practical 2: Young's slit experiment               |   |   |   |
| Practical 3: Determining g by free-fall            |   |   |   |
| Practical 4: Determination of Young modulus        |   |   |   |
| Practical 5: Determining the resistivity of a wire |   |   |   |
| Measurements and their errors                      |   |   |   |

Modules refer to the specification: <https://www.ocr.org.uk/Images/171750-specification-accredited-as-level-gce-chemistry-a-h032.pdf>