**Personal Learning Checklist – Year 12 Physics – Modules 2 and 3**

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| **Content** | **Specification Points** | **R** | **A** | **G** | **Response to feedback** |
| Units and Measurements | 2.1.1 – Physical quantities2.1.2 – S.I. units2.2.1 – Measurements and uncertainties |  |  |  |  |
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| Scalars and Vectors | 2.3.1 – Scalars and vectors |  |  |  |  |
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| Kinematics | 3.1.1 - Kinematics |  |  |  |  |
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| SUVATs | 3.1.2 – Linear Motion |  |  |  |  |
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| Projectile Motion | 3.1.3 – Projectile motion |  |  |  |  |
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| Equilibrium | 3.2.3 - Equilibrium |  |  |  |  |
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| Forces and Newton 2 | 3.2.1 – Dynamics3.2.2 – Motion with non-uniform acceleration3.5.1 – Newton’s laws of motion |  |  |  |  |
| Newton’s Laws 1 |  |  |  |  |
| Newton’s Laws 2 |  |  |  |  |
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| Impulse and Momentum | 3.5.1 – Newton’s laws of motion3.5.2 - Collisions |  |  |  |  |
| Newton’s laws and momentum |
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| Moments | 3.2.3 - Equilibrium |  |  |  |  |
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| KE and GPE | 3.3.1 – Work and energy conservation3.3.2 – Kinetic and potential energies3.3.3 - Power |  |  |  |  |
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| Car safety | 3.5.2 - Collisions |  |  |  |  |
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| Hooke’s Law and YM | 3.4.1 – Springs3.4.2 – Mechanical properties of matter |  |  |  |  |
| Stress, Strain and YM |  |  |  |  |