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| **TOPIC** | **ASSESSMENT STANDARDS** | **PORTFOLIO ASSESSMENT****TASKS** |
| **PHASE 1 (14 November 2022 – 10 March 2023)** |
| **Mechanics** | Momentum and Impulse | **Task 1:** Control Test A30 Jan – 3 Feb**Task 2:** Experiment 16 – 10 Feb**Task 3:** Control Test B6 – 10 March |
| Vertical Projectile Motion |
| **Matter and Materials** | Organic Chemistry |
| **Mechanics** | Work, Energy, Power |
| **PHASE 2 (13 March 2023 – 9 June 2023)** |
| **Chemical Change** | Rates and Extent of reactions | **Task 4:** Experiment 22 – 5 May**Task 5:** June Exam22 May – 9 June |
| Chemical Equilibrium |
| Acids and Bases |
| **Electricity and Magnetism** | Electric circuits (Recap from Gr 11) |
| Electrodynamics |
| **PHASE 3 (12 June 2023 – 20 October 2023)** |
| **Chemical Change** | Electrochemistry | **Task 6:** Trials Exams28 Aug – 15 Sept |
| **Waves, Sound and Light** | Doppler Effect |
| **Matter and Materials** | Photoelectric effect |
| Emission and absorption spectra |

**PHYSICAL SCIENCES – GRADE 12 2023**