



| Science | | | | | |
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| | Year 7 | Year 8 | Year 9 | Year 10 | Year 11 |
| Half Term 1 | Organisms and Forces (WK 2 baseline test) | Organisms, Forces and Matter (WK5: Formative assessment) | Matter, organisms, waves and energy (WK 6 low-stakes test) | Biology: Organisms: respiration Ecosystems: Ecology 1 (WK 7/8 summative assessment) Chemistry: Matter-Structure and bonding 2 (No assessment) Physics: Energy: transfers 1 (No assessment) | Biology: Ecosystems: Ecology 2 maintaining biodiversity (WK 7-8 Mock exams. Paper 1) Chemistry: Earth-using resources Matter- Bonding and structure Reactions-chemical changes (WK 7-8 Mock exams. Paper 1) Physics: Energy-transfers Electromagnetism- Current electricity (WK 7-8 Mock exams. Paper 1) |
| Half Term 2 | Matter (WK6 summative assessment) | Ecosystems and Energy (WK 5: Summative assessment) | Reactions, organisms and forces (WK 3 or 4 summative assessment) | Biology: Organisms-infection and response (WK 7 summative test) Chemistry: Matter- Quantitative 2 (Wk 2: summative assessment) Physics: Electromagnetism- Current electricity (Wk 1-2 Summative assessment) | Biology: Genes: Inheritance (WK 6 or 7 Summative assessment) Chemistry: Reactions- chemical changes and rates 2 (WK 6 and 7-Summative assessment) Physics: Electromagnetism- Current electricity (WK 6-7 Summative assessment) |
| Half Term 3 | Ecosystems and Energy (WK5 level assessed task) | Energy Reactions and Waves (No assessment) | Earth and organisms (No assessment) | Biology: Organisms- homeostasis and response part 1 (no assessment) Chemistry: Reactions- Chemical changes and rates (WK 2: summative assessment) Physics: Energy in particles (Wk 1-2 Summative assessment) | Biology: Genes: Variation (WK 5 Mock exams. Paper 2) Chemistry: Rates of reactions-rates and organic chemistry (WK 5 Mock exams. Paper 2) Physics: Forces- forces and motion (WK 5 Mock exams. Paper 2) |
| Half Term 4 | Reactions (no assessment) | Genes and electromagnets (WK4: Summative assessment) | Reactions and electromagnets (WK 2 or 3 practical assessment) | Biology: Organisms- homeostasis and response part 2 (No assessment) Chemistry: Reactions-rates and Earth-atmosphere (No assessment) Physics: Energy in particles and Matter-radioactivity (No assessment) | Biology: Genes: Evolution (WK 7-8 Mock exams. Paper 1) Chemistry: Earth-atmosphere and using resources (No assessment) Physics: Forces- forces and motion (No assessment) |
| Half Term 5 | Waves and Earth (WK2 low Stakes quiz) | Electromagnets and Earth (WK3 practical assessment) | Waves, mater, genes and reactions (WK2 formative assessment) | Biology: Ecosystems: Bioenergetics (Photosynthesis) (WK1 summative assessment from previous unit) Chemistry: Earth- atmosphere and using resources (WK 1-2 summative assessment) Physics: Matter-radioactivity (WK 1-2 summative assessment) | Biology: Revision of Paper 1 and Paper 2 required practicals (External exams begin) Chemistry: Reactions-chemical analysis Matter- Quantitative Chemistry (External exams begin) Physics: Forces- forces and motion (External exams begin) |
| Half Term 6 | Earth and Genes (WK3: Final Summative assessment) | Sustainability and Investigations (WK 3: End of year assessment) | Ecosystems (WK 3-4 End of year assessment) | Biology: Ecosystems: Bioenergetics (Respiration) (WK 3-4 Year 10 mocks) Chemistry: Matter- bonding and structure (WK 3-4 Year 10 mocks) Physics: Forces- forces in motion (WK 3-4 Year 10 mocks) | |