| | | Autumn | | Spring | | Summer | |
|---------|-----------|--|--|--------|--------|--------|--------|
| | | Term 1 | Term 2 | Term 3 | Term 4 | Term 5 | Term 6 |
| Year 11 | Knowledge | Term 1SeparateBiologyB8 - Exchange in transport in animalsChemistryC20 FuelsC21 Earth and atmosphere ScienceC22 - HydrocarbonsC23 - Alcohols and carboxylic acidsC24 - PolymersC25 Qualitative Analysis: Tests forIonsC26 Bulk and surface properties ofmatter including nanoparticlesPhysicsP11 - Static electricityP12 - Magnetism and the motoreffectP13 - Electromagnetic inductionCombinedBiology | Term 2SeparateBiologyB9 - Ecosystem and materialcyclesChemistryC20 FuelsC21 Earth and atmosphereScienceC22 - HydrocarbonsC23 - Alcohols and carboxylicacidsC24 - PolymersC25 Qualitative Analysis: Tests forIonsC26 Bulk and surface propertiesof matter including nanoparticlesPhysicsP14 - Particle modelP15 - Forces and matter | | | | |
| | | Biology B8 - Exchange in transport in animals Chemistry | Biology B9 - Ecosystems and materials | | | | |
| | | C13 - Periodic table C14 - Rates of reaction C15 - heat energy changes Physics P10 - Magnetism and motor effect | cycles Chemistry C16 - Fuels C17 - Earth and atmosphere Physics | | | | |
| | | P11 - Electromagnetic induction | P12 - Particle model P13 – Forces and matter | | | | |

| | | Chemistry | | | | | | | |
|---|----------------|--|---------------------------|--------------|------------------|---------------------|---------------------|--|--|
| | | C13 - Halogen displacement reactions, | | | | | | | |
| | | C14 - determine the rate of reaction from an experimental graph. | | | | | | | |
| | | C15 - Measuring the enthalpy change of exo and endothermic reactions. Drawing and interpreting endo and exothermic reaction profile diagrams. | | | | | | | |
| | | Bond energy calculations. | | | | | | | |
| | | C16 - Drawing/ building atomic models of alkanes and alkenes. | | | | | | | |
| | | C17 - Comparisons and contrast between past and current climates. | | | | | | | |
| | | Biology | | | | | | | |
| | | B8 -Quantitative relationships | | | | | | | |
| | | Standard form | | | | | | | |
| | lls | Graphs | | | | | | | |
| | Skills | Frequency tables | | | | | | | |
| | | % gain and loss | | | | | | | |
| | | B9 - As above and volume ratios, sampling as applied to scientific data | | | | | | | |
| | | | | | | | | | |
| | | Physics | | | | | | | |
| | | Calculations, ratios, electricity equations, graphs (linear and nonlinear), calculations on the energy changes. | | | | | | | |
| | | Converting units | | | | | | | |
| | | Distribution of energy | | | | | | | |
| | | Thermal process | | | | | | | |
| | | Density | | | | | | | |
| | | Latent heat | | | | | | | |
| - | | | | | | | | | |
| | ш | ILT 1, ILT2, End of topic assessment. | ILT 1, ILT2, End of topic | ILT 1, ILT2, | ILT 1, ILT2, End | ILT 1, ILT2, End of | ILT 1, ILT2, End of | | |
| | Assessm ent | | assessment. | End of topic | of topic | topic assessment. | topic assessment. | | |
| | Ass | | | assessment. | assessment. | | | | |
| | | | | | | | | | |