Term	HT	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7
Autumn	HT1	**P12 The EM Spectrum**	**C9 Crude Oil and Fuels** • fractional distillation • cracking	**C10 Chemical Analysis** • paper chromatography, flame tests, identifying pure substances	**B15 Adaptations, interdependence and competition** • relationships between communities and ecosystems • using mean, median and mode • adaptations of organisms			
		1. X-rays in medicine 2. Progress check 3. Feed forward 4. Recap 5. Hydrocarbons	1. Fractional distillation of oil 2. Burning hydrocarbon fuels 3. Cracking hydrocarbons 4. Progress check 5. Feed forward	1. Recap 2. Pure substances and mixtures 3. Analysing chromatograms 4. RP – finding R_f values 5. Testing for gases	1. Progress check 2. Feed forward 3. Assessment 4. Assessment 5. Assessment	1. Recap 2. Importance of communities 3. Organisms in their environment 4. Distribution and abundance 5. RP – species	1. Competition in animals 2. Competition in plants 3. Adapt + survive 4. Adaptations in animals 5. Adaptations in plants	
	HT2			**B16 Organising an ecosystem** • how the number of predators and prey are related.	**B17 Biodiversity and ecosystems** • why loss of biodiversity matters. • how global warming affects life on Earth.		**P13 Electro-magnetism** • interaction of a current carrying wire induced by magnetic field. • how simple electric motors work	
		PPE	PPE	1. Consolidation 2. Recap 3. Feeding relationships 4. Materials cycling 5. The carbon cycle	1. The human population explosion 2. Land & water pollution 3. Air pollution 4. Deforestation & peat destruction 5. Global warming	1. Maintaining biodiversity 2. Progress check 3. Feed forward 4. Recap 5. Magnetic fields	1. Magnetic fields of electric current 2. The motor effect 3. Progress check 4. Feed forward 5.	
Term	**HT**	**Week 1**	**Week 2**	**Week 3**	**Week 4**	**Week 5**	**Week 6**	**Week 7**

Spring	HT3							
	HT4							
Term	HT	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7
S	HT5							

	HT6							