

# The Hayling College

Science

Week	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	33	34	35	36	37	38	39																									
	Autumn 1							Autumn 2							Spring 1							Spring 2							Summer 1							Summer 2																											
Year 7	Base Line Assessments	Cells and movement							Cells and movement							Data Drop	Speed and gravity							Speed and gravity							Data Drop	Speed and gravity							Speed and gravity							Activities Week	How Science Works							Data Drop									
	Chem	Particles							Particles								Separating mixtures							Separating mixtures								Separating mixtures							How Science Works																								
	Physics	Acids and alkalis							Acids and alkalis								Sound and waves							Sound and waves								Sound and waves							Reproduction								Reproduction								Reproduction							Maths in Science	
	Energy transfer							Energy transfer							Reproduction							Reproduction							Reproduction							Reproduction							Reproduction							Reproduction													

Week	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	33	34	35	36	37	38	39																									
	Autumn 1							Autumn 2							Spring 1							Spring 2							Summer 1							Summer 2																											
Year 8	Chem/Biology	Breathing							Breathing							Data Drop	Types of reactions							Types of reactions							Data Drop	Types of reactions							Types of reactions							Activities Week	Types of reactions							Data Drop									
	Chem	Photosynthesis							Photosynthesis								Forces							Forces								Forces							Forces								Types of reactions																
	Physics	Digestion							Digestion								Electricity and magnetism							Electricity and magnetism								Electricity and magnetism							Electricity and magnetism								Electricity and magnetism								Types of reactions								
	Elements and the periodic table							Elements and the periodic table							Elements and the periodic table							Light							Light							Light							Light							Light							Light						

Week	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	33	34	35	36	37	38	39																																
	Autumn 1							Autumn 2							Spring 1							Spring 2							Summer 1							Summer 2																																		
Year 9	Chem/Biology	Interdependence and evolution							Ecosystems							Data Drop	B: Cell structure and transport							B: Cell structure and transport							Data Drop	B: Tissue and organs systems							B: Tissue and organs systems							Activities Week	B: Tissue and organs systems							Data Drop																
	Chem	Inheritance and variation							The rock cycle								C: Atoms and elements							C: Atoms and elements								C: Separating techniques							C: Separating techniques								C: Separating techniques																							
	Physics	Earth structure							Motion graphs								P: Energy transfer							P: Energy transfer								P: Energy resources							P: Energy resources								P: Energy resources								P: Energy resources															
	Space and solar system																																																																					

Week	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	33	34	35	36	37	38	39																																							
	Autumn 1							Autumn 2							Spring 1							Spring 2							Summer 1							Summer 2																																									
Year 10	Chem/Biology	Cell division							Osmosis							Data Drop	Organising animals and plants							Treating Disease							Data Drop	Non-communicable diseases							Photosynthesis							Activities Week	Respiration							Data Drop																							
	Chem	Structure of the atom							Periodic table								Digestive system							Preventing disease								Chemical Changes							Electrolysis								Revision																														
	Physics	Energy stores							Renewable and finite energy resources								Structures and Bonding							Chemical calculations								Molecules and matter							Radioactivity								Radioactivity								Revision							Energy Changes															

	Autumn 1							Autumn 2							Spring 1							Spring 2							Summer 1							Summer 2							
Year 11	Chem/Biology	Nervous system							Exams (All subjects)							Variation and evolution							Adaptation, interdependence							Biodiversity							Year 11 Exams						
	Chem	Hormonal control							Homeostasis in action							Genetics and evolution							Organising ecosystems							Revision													
	Physics	Rates and equilibrium							Reproduction							Chemical analysis							Using our resources							Space science													
	Crude oil and fuels							Organic reactions							Earths atmosphere							Light							Revision														
	Forces in balance							Polymers							Wave properties							Electromagnetism							Revision														
	Motion							Forces and motion							Electromagnetic waves																												