Y9 Science, 2023-24

atomic structure, radiation properties, half-

life, fission, fusion,



incorporating practical and problem solving skills.

								MA	ALTBYACADEMY	
					Half Term 2					
Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	October	Week 8	Week 9	
	mpounds, mixture	and the second	chniques, the atom & theories, cell s		Cells and cell structure, retransport of s	microscopes,	Half-Term Holiday	Cells and cell structure, transport of		
		Half Term 2: 30 th Oct -	22 nd Dec (8 weeks)					Half Term 3		
Week 10	Week 11	Week 12	Week 13	Week 14	Week 15			Week 16	Week 17	
Cells and Transport cell structure, microscopes, transport of substances						tmas iday	Density, states	Particle Model of Matter Density, states of matter, SLH, SHC, gases		
Half T	Half Term 3: 8 th Jan - 9 th Feb (5 weeks)					29 th March (6 weeks)	Narch (6 weeks)			
Week 18	Week 19	Week 20		Week 21	Week 22	Week 23	Week 24	Week 25	Week 26	
Organisation Digestive & circulatory system, disease & lifestyle, plant tissues & organs					Organisation circulatory system, disease & , plant tissues & organs		Science Week	Digestive & system, disec	isation circulatory se & lifestyle, ss & organs	
				Half Term 5: 15 th April -	24 th May (6 weeks)				Half Term 6	
		Week 27	Week 28	Week 29	Week 30	Week 31	Week 32		Week 33	
Easter Holiday Reaction		Chemical Reactions sof metals, acids and bases, displacement, pH scale, electrolys			ectrolysis	Spring Bank Holiday	Radioactivity			
		Half Term 6: 3 rd June -	19th July (7 weeks)			Curriculum Inte	ent:			
Week 34	Week 35	Week 36	Week 37	Week 38		Through our cu	ırriculum we ain	n to nurture curic	*	
Radioactivity			En	ergy Chan	ges	develop students' thinking skills in an unfamiliar context, delivering the curriculum in a practical and engaging way,				

Exothermic, endothermic, bond

eneraies

Y9 Science Biology, 2023-24



								MA	LIBYACADEMY		
Half Term 1: 4h Sept - 20st Oct (7 weeks)								Half Term 2			
Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	October	Week 8	Week 9		
	C		s and Transport oscopes, transport of substances			October Half-Term Holiday		Cells and Transport cell structure, microscopes, transport of substances			
Half Term 2: 30 th Oct - 22 nd Dec (8 weeks)								Half Te	erm 3		
Week 10	Week 11	Week 12	Week 13	Week 14	Week 15			Week 16	Week 17		
							Cells and Transport cell structure, microscope transport of substances				
Half Te	erm 3: 8 th Jan - 9 th Feb (5 v	veeks)				Half Term 4: 19 th Feb - 2	^{9th} March (6 weeks)				
Week 18	Week 19	Week 20	February	Week 21	Week 22	Week 23	Week 24	Week 25	Week 26		
Organisation Digestive & circulatory system, disease & lifestyle, plant tissues & organs			Half-Term Holiday	Digestive & c	Organisation Digestive & circulatory system, disease & lifestyle, plant tissues & organs			Organisation Digestive & circulatory system, disease & lifestyle, plant tissues & organs			
			Half Term 5: 15 th April - 24 th May (6 weeks)						Half Term 6		
		Week 27	Week 28	Week 29	Week 30	Week 31	Week 32		Week 33		
Easter Holiday Digestive			Organisation e & circulatory system, disease & lifestyle, plant tissues				Spring Bank Holiday organs		Organisation		
		Half Term 6: 3 rd June -	19 th July (7 weeks)			Curriculum Inte	ent:				
Week 34	Week 35	Week 36	Week 37	Week 38	Week 39	Through our cu	rriculum we aim	n to nurture curios	•		
Organisation Digestive & circulatory system, disease & lifestyle, plant tissues & organs			Requ	ired Practica	Irecap	develop students' thinking skills in an unfamiliar context, delivering the curriculum in a practical and engaging way, incorporating practical and problem solving skills.					

Y9 Science Chemistry, 2023-24



								MA	LIBYACADEMY		
Half Term 1: 4 ^h Sept - 20 st Oct (7 weeks)								Half Term 2			
Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Octobor	Week 8	Week 9		
elements, co		tomic structui res, separation tec				tion metals	October Half-Term Holiday	Atomic St periodi			
		Half Term 2: 30 th Oct -	22 nd Dec (8 weeks)					Half Term 3			
Week 10	Week 11	Week 12	Week 13	Week 14	Week 15			Week 16	Week 17		
Atomic structure and the periodic table elements, compounds, mixtures, separation techniques, the atom & theories, Groups 1,7,0, transition metals							Chemical	Reactions			
Half T	erm 3: 8 th Jan - 9 th Feb (5 v	weeks)				Half Term 4: 19 th Feb -	29 th March (6 weeks)				
Week 18	Week 19	Week 20	Esta esta	Week 21	Week 22	Week 23	Week 24	Week 25	Week 26		
Chemical Reactions Reactions of metals, acids and bases, displacement, pH scale, electrolysis			February Half-Term Holiday	Reactions of	emical Reactions of metals, acids and bases, nent, pH scale, electrolysis		Science Week	Reactions of me bases, displace	nemical Reactions ctions of metals, acids and s, displacement, pH scale, electrolysis		
			Half Term 5: 15 th April - 24 th May (6 weeks)						Half Term 6		
		Week 27	Week 28	Week 29	Week 30	Week 31	Week 32		Week 33		
Eas Holid		Reactions	s of metals, ac	Chemical laids and bases,		r, pH scale, ele	ectrolysis	Spring Bank Holiday	Chemical Reactions		
Week 34	Week 35	Half Term 6: 3 rd June - Week 36	- 19 th July (7 weeks) Week 37	Week 38	Week 39		h our curriculum we aim to nurture curiosity and				
	Energy Changes Exothermic, endothermic, bond energies						curriculum in a p	s in an unfamiliar bractical and eng oblem solving ski	gaging way,		

Y9 Science Physcis, 2023-24

life, fission, fusion



								MA	LTBYACADEMY		
Half Term 1: 4h Sept - 20st Oct (7 weeks)								Half Term 2			
Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	October	Week 8	Week 9		
			Model of <i>N</i>			Half-Term Holiday		Particle <i>I</i>	Model of		
		Density, states	s of matter, SLH,	SHC, gases				Matter			
		Half Term 2: 30 th Oct -	22 nd Dec (8 weeks)					Half To	erm 3		
Week 10	Week 11	Week 12	Week 13	Week 14	Week 15			Week 16	Week 17		
		Particle Mod ty, states of mat					stmas liday	Particle Model of Matter Density, states of matter, SLH, SHC, gases			
Half T	erm 3: 8 th Jan - 9 th Feb (5 v	weeks)				Half Term 4: 19 th Feb -	29 th March (6 weeks)	Pth March (6 weeks)			
Week 18	Week 19	Week 20		Week 21	Week 22	Week 23	Week 24	Week 25	Week 26		
atomic structu	adioactiviture, radiation points if the state of the stat	roperties, half-	February Half-Term Holiday	atomic	structure, radiation s, half-life, fission, fusion		Science Week	arottile siructure, ra			
				Half Term 5: 15 th April	- 24 th May (6 weeks)						
		Week 27	Week 28	Week 29	Week 30	Week 31	Week 32		Week 33		
Easter Holiday at			Radioactivity omic structure, radiation properties, half-life, fission, fu				n	Spring Bank Holiday	Radioactivity		
		Half Term 6: 3 rd June -	19 th July (7 weeks)			Curriculum Inte	ent:				
Week 34	Week 35	Week 36	Week 37	Week 38	Week 39	_		to nurture curios	*		
	adioactiviture, radiation p	roperties, half-	Require	ed Practico	al recap	delivering the	levelop students' thinking skills in an unfamiliar context, lelivering the curriculum in a practical and engaging way, acorporating practical and problem solving skills.				