Introduction	
Insert here:	
At Yateley Scho	ol in science we aim to ensure that all pupils:
	evelop scientific knowledge and conceptual understanding through the specific disciplines of biology, hemistry and physics
• 0	evelop understanding of the nature, processes and methods of science through different types of
S	cience enquiries that help them to answer scientific questions about the world around them
	re equipped with the scientific knowledge required to understand the uses and implications of science, oday and for the future
	oments
Year 8-11 clas	ements ht in mixed ability sets. sses are set by attainment within Extension/Achievement or halves of the year asses are taught in mixed ability sets
Year 7 is taug Year 8-11 clas Year 12-13 clas	ht in mixed ability sets. ses are set by attainment within Extension/Achievement or halves of the year
Year 7 is taug Year 8-11 clas Year 12-13 clas Number of per	ht in mixed ability sets. ses are set by attainment within Extension/Achievement or halves of the year asses are taught in mixed ability sets
Year 7 is taug Year 8-11 clas Year 12-13 clas Number of per	ht in mixed ability sets. uses are set by attainment within Extension/Achievement or halves of the year asses are taught in mixed ability sets ods taught per week at each KS
Year 7 is taug Year 8-11 clas Year 12-13 cla Number of per	ht in mixed ability sets. Isses are set by attainment within Extension/Achievement or halves of the year asses are taught in mixed ability sets ods taught per week at each KS o Year 7: 3 lessons per week (1 per subject)
Year 7 is taug Year 8-11 clas Year 12-13 cla Number of per	ht in mixed ability sets. asses are set by attainment within Extension/Achievement or halves of the year asses are taught in mixed ability sets <i>ods taught per week at each KS</i> o Year 7: 3 lessons per week (1 per subject) o Year 8: 4 lessons per week (1 per subject + General science) o Years 9, 10 & 11: 6 lessons per week (2 per subject) o Year 12: 6 lessons per week
Year 7 is taug Year 8-11 clas Year 12-13 cla Number of per	ht in mixed ability sets. Asses are set by attainment within Extension/Achievement or halves of the year asses are taught in mixed ability sets <i>ods taught per week at each KS</i> O Year 7: 3 lessons per week (1 per subject) O Year 8: 4 lessons per week (1 per subject + General science) O Years 9, 10 & 11: 6 lessons per week (2 per subject)
Year 7 is taug Year 8-11 clas Year 12-13 cla Number of per	ht in mixed ability sets. asses are set by attainment within Extension/Achievement or halves of the year asses are taught in mixed ability sets <i>ods taught per week at each KS</i> o Year 7: 3 lessons per week (1 per subject) o Year 8: 4 lessons per week (1 per subject + General science) o Years 9, 10 & 11: 6 lessons per week (2 per subject) o Year 12: 6 lessons per week

Subject	Science - Biology
Course co	ntent:
	ered in this named year group? Bullet points only!
Year 7	Movement
	Cells
	Interdependence
	Plant reproduction
	Variation
	Human reproduction
Year 8	Health
	Lifestyle
	Ecosystems
	Metabolism
	Adaptation
	inheritance
Year 9	• B1 - Cells
	B2 - Cell division
	 B3 - Organisation and the digestive system
	 B4 - Organising animals and plants
	B5 - Communicable diseases
	 B6 - Preventing and treating disease
	 B7 Non-communicable diseases

		Alene intendenced a str	t
		tions, interdependence and competit	เอก
V		rsity and ecosystems	
Year 10	 B8 - Photosyl B0 Bospirat 		
	 B9 - Respirat B10 The huild 		
		man nervous system	
		nal co-ordination	
	 B12 - reprodu 		
		on and evolution	
× 11		ing an ecosystem	
Year 11		usion, osmosis and active transport	
		s affecting enzymic reactions	
V		s affecting the rate of photosynthesis	
Year 12	Biological mo		
	Nucleic acids		
	Cell structure		
	-	ross cell membranes	
	-	on and the immune system	
	-	changing substances with their envir	onment
	Mass transpo		
	•	nd protein synthesis	
	Genetic diver	rsity	
× 12	Biodiversity		
Year 13	Photosynthesis		
	respiration		
	 Energy and ecosystems Response to stimuli 		
	-		
		rdination and muscles	
	 Homeostasis Inhorited characteristic 		
	 Inherited characteristic 	-	
		and evolution	
		and ecosystems	
	Gene express Becombinant		
A		: DNA technology	
Assessment			
How do you as	KS3	? Tests, coursework, frequency?	VCL
• Ctudopt		KS4Students take tests after each	 KS5 Students take tests after each
	s take termly exams	 Students take tests after each module 	 Students take tests after each module.
	s are graded between		
1-9		 Students are graded between 1-9 	 Year 12 Students are graded between A and E.
	s take an end-of-year	 Students take an end-of-year 	 At the end of Year 12
	ent that forms their	exam in Years 9 and 10 that	• At the end of Year 12 Students take an AS exam.
final gra	de for the year	forms their final grade for the	This does not count towards
		year	their final A-level.
		year	 Year 13 Students are graded
			 Year 13 Students are graded between A* and E
Accorrege	toritorio		
Assessment		alu to be incorted her-	
rieuse email y	our progress grid separat	ery to be insertea here.	

Subject	Science - Chemistry
Course co	ntent:
	ered in this named year group? Bullet points only!
Year 7	AQA Activate Course
	5.1 Particle model
	5.2 Separating Mixtures
	6.2 Metals and Non-metals
	6.1 Acids and Alkalis
Year 8	Activate Course
	C2.1 The Periodic Table
	C2.2 Separating Techniques
	C2.3 Metals and Acids
	C2.4 The Earth
Year 9	AQA 9-1 GCSE Combined Science
	- Atomic Structure
	- Periodic Table
	- Structure and Bonding
	- Chemical Changes
	- Electrolysis
	- Chemical Calculations
Year 10	AQA 9-1 GCSE Combined Science
	Extension Band:
	- Energy Changes
	- Rate of Reaction
	- Crude Oil and Fuels
	- Chemical Analysis
	- The Earth's Atmosphere
	- The Earth's Resources
	Achievement Band:
	- Energy Changes
	 Rate of Reaction Crude Oil and Fuels
	- Chemical Analysis
Year 11	- Chemical Calculations AQA 9-1 GCSE
	Triple Science:
	- The Earth's Atmosphere
	- The Earth's Resources
	- Organic Reactions
	- Polymers
	- Using Our Resources
	- Triple content of Periodic Table topic
	-The Transition Elements
	- Triple content of Structure and Bonding topic
	- Nanoparticles and applications
	- Triple content of Chemical Calculations topic
	- Yields, Atom economy, Titrations, Titration Calculations and Volume of Gases
	- Triple content of Energy Changes
	- Chemical cells and batteries, Fuel cells
	Extension Band Double Award:
	- The Earth's Atmosphere
	- The Earth's Resources
	- Second run through of Required Practicals

	Cturrent LD		
	- Structured R		
	Achievement Band Do		
	- Rate of Reac		
	- Crude Oil and		
	- Chemical Ana	•	
	- The Earth's A	•	
	- The Earth's R	lesources	
Year 12	OCR AS Chemistry		
	- Foundations	in Chemistry	
	- Periodic Tab	e and Energy	
	- Core Organic	Chemistry	
Year 13	OCR A2 Chemistry		
	- Physical Chemistry and Transition Elements		
	-	nistry and Analysis	
Assessme	nt:		
How do you	assess progress of students	? Tests, coursework, frequency?	
	KS3 (Yr 7+8)	KS4 (Yr 9,10,11)	KS5
 Students take termly exams Students are graded between 1-9 Students take an end-of-year assessment that forms their final grade for the year 		 Students take tests after each module Students are graded between 1-9 Students take an end-of-year exam in Years 9 and 10 that forms their final grade for the year 	 Students take tests after each module. Year 12 Students are graded between A and E. At the end of Year 12 Students take an AS exam. This does not count towards their final A-level. Year 13 Students are graded between A* and E
Assessme	nt criteria	<u> </u>	
	your progress grid separat	elv to be inserted here	
ease cintuit	,		

Subject Introductior	
	"
Course cout	
Course cont	
	d in this named year group? Bullet points only!
	AQA Activate Course 1. Forces
	2. Electromagnets 3. Energy
	4. Waves
	Activate Course
	P2.1 Electricity and magnetism
	P2.2 Energy
	P2.3 Motion and pressure
	AQA 9-1 GCSE Combined Science
real 9	- Forces in Balance
	- Motion
	- Conservation and dissipation of energy
	 Energy transfers by heating
	- Electric circuits
Year 10	AQA 9-1 GCSE Combined Science
	Extension Band:
	- Forces and motion
	- Waves
	- Electromagnetic waves
	- Electromagnetism
	Achievement Band:
	- Electricity in the home
	- Molecules and matter
	- Radioactivity
	- Forces and motion
	- Waves
	- Electromagnetic waves
	- Electromagnetism
Year 11	AQA 9-1 GCSE
	Triple Science:
	- Electromagnetism(Triple content)
	- Light (Triple content)
	- Space (Triple content)
	- Energy transfers by heating (Triple content)
	- Radioactivity (Triple content)
	- Molecules and matter (Triple content)
	- Forces in balance (Triple content)
	- Forces in motion (Triple content)
	- Electric circuits (Triple content)
	- Forces and pressure (Triple content)
	- Waves (Triple content)
	Extension Band Double Award:
	- Waves
	- Electromagnetism
	 Revision and review of required practicals
	Achievement Band Double Award:
	- Waves
	- Electromagnetism
	- Electromagnetic waves

	 Radioactivity 	,	
	- Forces and m		
	- Revision and	review of required practicals	
Year 12	AQA AS Physics	· ·	
	- Measuremer	nts and their errors	
	 Particles and 	Radiation	
	- Quantum Ph	enomena	
	- Mechanics a	nd Materials	
	- Waves		
	- Electricity		
Year 13	AQA A2 Physics		
	- Further mech	nanics and Thermal physics	
		,Electric and Magnetic fields	
	- Capacitors		
	- Nuclear Phys	ics	
Assessmen	t:		
How do you a		? Tests, coursework, frequency?	
How do you a	ssess progress of students KS3	? Tests, coursework, frequency? KS4	KS5
• Student	KS3 s take termly exams	KS4Students take tests after each	Students take tests after each
StudentStudent	KS3	KS4	
 Student Student 1-9 	KS3 s take termly exams s are graded between	KS4Students take tests after each	 Students take tests after each module. Year 12 Students are graded
 Student Student 1-9 Student 	KS3 s take termly exams s are graded between s take an end-of-year	 KS4 Students take tests after each module Students are graded between 1-9 	 Students take tests after each module. Year 12 Students are graded between A and E.
 Student Student 1-9 Student assessm 	KS3 s take termly exams s are graded between s take an end-of-year ent that forms their	 KS4 Students take tests after each module Students are graded between 1-9 Students take an end-of-year 	 Students take tests after each module. Year 12 Students are graded
 Student Student 1-9 Student assessm 	KS3 s take termly exams s are graded between s take an end-of-year	 KS4 Students take tests after each module Students are graded between 1-9 Students take an end-of-year exam in Years 9 and 10 that 	 Students take tests after each module. Year 12 Students are graded between A and E.
 Student Student 1-9 Student assessm 	KS3 s take termly exams s are graded between s take an end-of-year ent that forms their	 KS4 Students take tests after each module Students are graded between 1-9 Students take an end-of-year 	 Students take tests after each module. Year 12 Students are graded between A and E. At the end of Year 12 Students take an AS exam. This does not count towards
 Student Student 1-9 Student assessm 	KS3 s take termly exams s are graded between s take an end-of-year ent that forms their	 KS4 Students take tests after each module Students are graded between 1-9 Students take an end-of-year exam in Years 9 and 10 that 	 Students take tests after each module. Year 12 Students are graded between A and E. At the end of Year 12 Students take an AS exam. This does not count towards their final A-level.
 Student Student 1-9 Student assessm 	KS3 s take termly exams s are graded between s take an end-of-year ent that forms their	 KS4 Students take tests after each module Students are graded between 1-9 Students take an end-of-year exam in Years 9 and 10 that forms their final grade for the 	 Students take tests after each module. Year 12 Students are graded between A and E. At the end of Year 12 Students take an AS exam. This does not count towards their final A-level. Year 13 Students are graded
 Student Student 1-9 Student assessm 	KS3 s take termly exams s are graded between s take an end-of-year ent that forms their	 KS4 Students take tests after each module Students are graded between 1-9 Students take an end-of-year exam in Years 9 and 10 that forms their final grade for the 	 Students take tests after each module. Year 12 Students are graded between A and E. At the end of Year 12 Students take an AS exam. This does not count towards their final A-level.
 Student Student 1-9 Student assessm 	KS3 s take termly exams s are graded between s take an end-of-year ent that forms their de for the year	 KS4 Students take tests after each module Students are graded between 1-9 Students take an end-of-year exam in Years 9 and 10 that forms their final grade for the 	 Students take tests after each module. Year 12 Students are graded between A and E. At the end of Year 12 Students take an AS exam. This does not count towards their final A-level. Year 13 Students are graded