Science Curriculum

Five Year Course Plan

BRIDGNORTH Endowed

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	32	33	34	35	36	37	38	39

SCIENCE (KS3)

YEAR 7	Testing	B1a: Cells	B1b: Body Systems	B1c: Reproduction	P1b: Sound	P1c: Light	P1d: Space	Mastery & Practical Skills
	Working Scientifically	C1a: Particles	C1b: Elements	C1c: Chemical Reactions	C1d: Acids & Alkalis	P1a: Forces	Mastery & Practical Skills	
YEAR 8	B2a: Health	B2b: Biological Processes	B2c: Ecosystems & Adaptations	B2d: Inheritance	P2b: Energy	P2c: Motion	Mastery & Practical Skills	
	C2a: Periodic Table	C2b: Separation	C2c: Metals	C2d: Earth	P2a: Electricity	Mastery & Practical Skills		
YEAR 9	B1: Cell Biology	B2: Tissues, Organs & Organ Systems	B3: Infection & Response	P2: Electricity				
	C1: Atomic Structure & Periodic Table	C2: Bonding	P1: Energy	P3: Molecules & Matter				

SCIENCE (DOUBLE)

YEAR 10	B4: Bioenergetics	B5: Homeostasis & Response	B6: Reproduction, Variation & Evolution	P4: Radioactivity	P6: Waves		
	C5: Energy Changes	C6: Rates of Reaction	C7: Organic Chemistry	C8: Chemical Analysis	C9: Earth's Atmosphere	C10: Earth's Resources	P5: Forces
YEAR 11	B7: Ecology	P7: Electromagnetism	Biology B1, B2, B3 Mastery	Biology B4, B5, B6, B7 Mastery	Physics P4, P5, P6, P7 Mastery	Revision & Exams	Exam Period
	C3: Chemical Calculations	C4: Chemical Change	Physics P1, P2, P3 Mastery	Chemistry C1, C2, C3, C4 Mastery	Chemistry C5, C6, C7, C8, C9, C10 Mastery	Revision & Exams	Exam Period

SCIENCE (TRIPLE)

YEAR 10	B4: Bioenergetics	B5: Homeostasis & Response	B6: Reproduction, Variation & Evolution	Mastery & Extension			
	C5: Energy Changes	C6: Rates of Reaction	C7: Organic Chemistry	C8: Chemical Analysis	C9: Earth's Atmosphere	C10: Earth's Resources	Mastery & Extension
	P4: Radioactivity	P5: Forces	P6: Waves	Mastery & Extension			
YEAR 11	B7: Ecology	B1, B2, B3 Mastery	B4, B5, B6, B7 Mastery	Exam Period			
	C3: Chemical Reactions	C4: Chemical Change	C1, C2, C3, C4 Mastery	C5, C6, C7, C8 Mastery	Exam Period		
	P7: Electromagnetism	P8: Space	P1, P2, P3, P4 Mastery	P5, P6, P7, P8 Mastery	Exam Period		

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 32 33 34 35 36 37 38 39

KEY: B - Biology C -Chemistry P - Physics

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