

Secondary Curriculum Information

Subject: Sciences

Subject Leader: Mr V P Patel (VPT)

YEAR 7 (new scheme)	Theme Title	7X/Sc1, Sc2, Sc3 VPT, SPA, KTH	7Y/Sc1, Sc2, Sc3 SPN, SJL, SPN
Term 1 (September – October) 7 weeks	Safety	Safety	Safety
	B1. Cells & Tissues C1. Particles	B1. Cells & Tissues C1. Particles	C1. Particles B1. Cells & Tissues
Term 2 (November – December) 6 weeks	P1. Energy transfers	P1. Energy transfers	B2a & B2b. Animal & Plant Reproduction
	B2a & B2b. Animal & Plant Reproduction	B2a & B2b. Animal & Plant Reproduction	P1. Energy transfers
Term 3 (January – February) 5 weeks	C3. Acids & Alkalis	P2. Forces and their effects	C3. Acids & Alkalis
	P2. Forces and their effects	C3. Acids & Alkalis	P2. Forces and their effects
Term 4 (March – April) 6 weeks	B4. Variation and Classification	B4. Variation and Classification	C4. Pure and impure substances
	C4. Pure and impure substances	C4. Pure and impure substances	B4. Variation and Classification
Term 5 (April – May) 6 weeks	P3. Electricity	B3. Environment & Adaptation	P3. Electricity
	B3. Environment & Adaptation	P3. Electricity	B3. Environment & Adaptation
Term 6 (June – July) 7 weeks	Catch up time Optional: Enquiry Processes from KS3 AQA	Catch up time Optional: Enquiry Processes from KS3 AQA	Catch up time Optional: Enquiry Processes from KS3 AQA

YEAR 8 (new scheme)	Theme Title	8X/Sc2, 8X/Sc3 SPA & KTH	8Y/Sc2, 8Y/Sc3 SJL & KTH
Term 1 (September – October) 7 weeks	P6. Motion B7. Lungs and gas exchange	P6. Motion B7. Lungs and gas exchange	B7. Lungs and gas exchange P6. Motion
Term 2 (November – December) 6 weeks	C2 Atoms and Elements & C6 Compounds(together as one topic) P5. Magnets and electromagnets	P5. Magnets and electromagnets C2 Atoms and Elements & C6 Compounds(together as one topic)	C2 Atoms and Elements & C6 Compounds(together as one topic) P5. Magnets and electromagnets
Term 3 (January – February) 5 weeks	B8. Respiration C5. Simple chemical reactions	B8. Respiration C5. Simple chemical reactions	C5. Simple chemical reactions B8. Respiration
Term 4 (March – April) 6 weeks	P8. Waves and Sound B6. Food and digestion	B6. Food and digestion P8. Waves and Sound	P8. Waves and Sound B6. Food and digestion
Term 5 (April – May) 6 weeks	C7 Periodic Table B5. Photosynthesis	B5. Photosynthesis C7 Periodic Table	C7 Periodic Table B5. Photosynthesis
Term 6 (June – July) 7 weeks	C8. Extracting metals Optional: Enquiry Processes from KS3 AQA	C8. Extracting metals Optional: Enquiry Processes from KS3 AQA	C8. Extracting metals Optional: Enquiry Processes from KS3 AQA

YEAR 8X/Sc1, 8Y/Sc1	SPN	VPT
Term 1 (September – October) 7 weeks	B7. Lungs and gas exchange C2 Atoms and Elements & C6 Compounds(together as one topic)	P6. Motion
Term 2 (November – December) 6 weeks	B8. Respiration C5. Simple chemical reactions	P5. Magnets and electromagnets
Term 3 (January – February) 5 weeks	Catch up time B6. Food and digestion	P8. Waves and Sound
Term 4 (March – April) 6 weeks	C7 Periodic Table B5. Photosynthesis	P7. Domestic and static electricity
Term 5 (April – May) 6 weeks	C8. Extracting metals	P12. Exploring space
Term 6 (June – July) 7 weeks	C11. Earth and atmosphere Optional: Enquiry Processes from KS3 AQA	P4. Energy resources Optional: Enquiry Processes from KS3 AQA

YEAR 9X/Sc1 & Sc2, 9Y/Sc1 & Sc2	KTH & SPN	VPT & SJL
Term 1 (September – October) 7 weeks	C9: Reaction of acids B10: Inheritance and evolution	P9: Light
Term 2 (November – December) 6 weeks	B11: Drugs and Health C10: Describing Reactions	P10: Application of Forces
Term 3 (January – February) 5 weeks	B9: Muscle and Bone Catch up time	P11: Heat Transfer
Term 4 (March – April) 6 weeks	C12. Innovative materials B12: Microbes	Catch up time Skill tutorial lesson
Term 5 (April – May) 6 weeks	AQA Chemistry	AQA Chemistry
Term 6 (June – July) 7 weeks	AQA Chemistry	AQA Chemistry

YEAR 9X/Sc3, 9Y/Sc3	SPA
Term 1 (September – October) 7 weeks	C9: Reaction of acids B10: Inheritance and evolution
Term 2 (November – December) 6 weeks	P9: Light B11: Drugs and Health
Term 3 (January – February) 5 weeks	C10: Describing Reactions P10: Application of Forces
Term 4 (March – April) 6 weeks	B12: Microbes P11: Heat Transfer
Term 5 (April – May) 6 weeks	AQA Chemistry
Term 6 (June – July) 7 weeks	AQA Chemistry