



The King's School Long Term Plan 2019-2020

Subject: Science

	TERM 1	TERM 2	TERM 3	TERM 4	TERM 5	TERM 6
7	Curriculum Topics Cells & Transport Elements, Compounds & Mixtures Motion Sequencing:	Curriculum Topics Cells & Transport Elements, Compounds & Mixtures Motion Sequencing:	Curriculum Topics Variation & Human Reproduction Reactions: Acids & Alkalis Earth & The Universe Sequencing: Atomic Structure from Term 1	Curriculum Topics Variation & Human Reproduction Reactions: Metals & Non-Metals Sound & Light Sequencing: Acids & Alkalis from Term 3 Speed from Term 1	Curriculum Topics Ecology & Interdependence Energy Transfers Sequencing: Cell Structure from Term 1	Curriculum Topics Ecology & Interdependence Investigations Sequencing: Drawing on investigative skills from across the year
	Assessments: CELLS and ELEMENTS and MOTION	Assessments: CELLS and MIXTURES ASSESSMENT 1	Assessments: REACTIONS and EARTH & THE UNIVERSE and VARIATION	Assessments: VARIATION and REACTIONS and SOUND & LIGHT	Assessments: ECOLOGY and ENERGY	Assessments: ASSESSMENT 2
	Enrichment: Science Club	Enrichment: Science club	Enrichment: Science club Trip to Ferrybridge power station	Enrichment: Science club Science Week ZooLab	Enrichment: Science club National Physics Day	Enrichment: Science club Science fair
	Homework: Activities on Kerboodle and educake (online platforms)	Homework: Activities on Kerboodle and educake (online platforms)	Homework: Activities on Kerboodle and educake (online platforms)	Homework: Activities on Kerboodle and educake (online platforms)	Homework: Activities on Kerboodle and educake (online platforms)	Homework: Activities on Kerboodle and educake (online platforms)
8	Curriculum Topics Breathing The Periodic Table Forces Sequencing: Cell Structure from Year 7	Curriculum Topics Digestion The Periodic Table Forces Sequencing:	Curriculum Topics Respiration Reactions and Chemical Energy Electric Circuits Sequencing: 'Energy in Food' covered after 'Digestion' in Term 2	Curriculum Topics Photosynthesis Earth's Climate & Resources Electromagnets Waves Sequencing: Leaf Structure from Year 7	Curriculum Topics Genes & Inheritance Heating and Cooling Sequencing: Cell Structure from Year 7 Variation from Year 7	Curriculum Topics Genes & Inheritance Investigations Sequencing: Drawing on investigative skills from across the year



	Particle Model from Year 7 Elements, Compounds & Mixtures from Year 7 Scalar & vector from Year 7	Link between Breathing & Digestion with 'Lifestyle Factors'	Cell Structure from Year 7	Magnets from Year 7 Sound & Light from Year 7	Link between Waves and heating & Cooling with 'Infrared'	
	Assessments: BREATHING and PERIODIC TABLE and FORCES	Assessments: DIGESTION ASSESSMENT 1	Assessments: ELECTRICITY and REACTIONS and RESPIRATION	Assessments: PHOTOSYNTHESIS and EARTH'S CLIMATE and ELECTROMAGNETS / WAVES	Assessments: INHERITANCE and HEATING & COOLING	Assessments: ASSESSMENT 2
	Enrichment: Science Club	Enrichment: Science club	Enrichment: Science club	Enrichment: Science club Science Week ZooLab	Enrichment: Science club National Physics Day	Enrichment: Science club Science fair
	Homework: Activities on Kerboodle and educake (online platforms)	Homework: Activities on Kerboodle and educake (online platforms)	Homework: Activities on Kerboodle and educake (online platforms)	Homework: Activities on Kerboodle and educake (online platforms)	Homework: Activities on Kerboodle and educake (online platforms)	Homework: Activities on Kerboodle and educake (online platforms)
9	Curriculum Topics Cell Biology Atomic Structure Energy 1 Sequencing: Cell Structure from KS3	Curriculum Topics Cell Biology Atomic Structure Sequencing: Atomic Structure aligned in both Chemistry & Physics	Curriculum Topics Organisation Atomic Structure Bonding Particle Model Sequencing: States of Matter from Chemistry Term 1 Human Digestive System from KS3	Curriculum Topics Organisation Bonding Energy 2 Sequencing: Plant Structure from KS3	Curriculum Topics Infection & Response Chemical Changes Electricity Sequencing: Bacteria and Viruses from Term 1 Reactivity of Metals & Acids from Term 2	Curriculum Topics Infection & Response Chemical Changes Electricity Sequencing:
	Assessments: CELLS and ATOMIC STRUCTURE and ENERGY	Assessments: ASSESSMENT 1	Assessments: ORGANISATION and BONDING and PARTICLE MODEL	Assessments: ORGANISATION and BONDING and PARTICLE MODEL	Assessments: INFECTON & RESPONSE and CHEMICAL CHANGES and ENERGY	Assessments: ASSESSMENT 2



11	Curriculum Topics REVISIT: PAPER 2 TOPICS Sequencing: Paper 1 and Paper 2 are both given dedicated curriculum time: Paper 1 revisited in lesson, Paper 2 revisited through Homework	Curriculum Topics REVISIT: PAPER 1 TOPICS Sequencing: Paper 1 and Paper 2 are both given dedicated curriculum time: Paper 1 revisited in lesson, Paper 2 revisited through Homework	Curriculum Topics REVISIT: PAPER 2 TOPICS Sequencing: Paper 1 and Paper 2 are both given dedicated curriculum time: Paper 1 revisited in lesson, Paper 2 revisited through Homework	Curriculum Topics REVISIT: PAPER 1 TOPICS Sequencing: Paper 1 and Paper 2 are both given dedicated curriculum time: Paper 1 revisited in lesson, Paper 2 revisited through Homework	Curriculum Topics REVISIT: PAPER 1 and 2 TOPICS Sequencing: Paper 1 and Paper 2 are both given dedicated curriculum time: Paper 1 revisited in lesson, Paper 2 revisited through Homework	Curriculum Topics Sequencing:	
	Assessments: Paper 1 Assessments in Biology, Chemistry and Physics	Assessments: Paper 2 Assessments in Biology, Chemistry and Physics	Assessments:	Assessments: Paper 2 Assessments in Biology, Chemistry and Physics	Assessments:	Assessments:	Assessments:
	Enrichment: Science achieve	Enrichment: Science achieve	Enrichment: Science achieve	Enrichment: Science achieve	Enrichment: Science achieve	Enrichment: Science achieve	Enrichment:
	Homework: Activities on Seneca and educake (online platforms)	Homework: Activities on Seneca and educake (online platforms)	Homework: Activities on Seneca and educake (online platforms)	Homework: Activities on Seneca and educake (online platforms)	Homework: Activities on Seneca and educake (online platforms)	Homework: Activities on Seneca and educake (online platforms)	Homework: Activities on Seneca and educake (online platforms)