Science Learning Journey

This is an outline of what you have learned and what you will be learning in Science.

Year	Biology	Chemistry	Physics
7	How to be a scientist	How to be a scientist	How to be a scientist
	What are Organisms made of? Cells, Organs, Organ Systems	Particles Solids Liquids Gases and Kinetic Theory	
	Why do we die if we get too hot? Enzymes and Digestion	Mendelevium and Rutherfordium – who or what? The Periodic Table	How do we use waves? Sound and Light
		How do we get pure water? Mixtures and Separation	What's out there? Space and Astronomy
8	Why are we all different? Adaptations, Ecosystems, Reproduction	Why does my bike rust? Reactions	Do I have cheap fairy lights? Energy and Electricity
	Staying Healthy Data Handling	How do I treat a bee sting? Acids and Alkalis	What happens on a roller coaster? Forces and Motion
9	Health and Disease	States of Matter and Mixtures	Waves EM Spectrum
	Key Concepts		
	Cells and Control	Atoms	Conservation of Energy
10	Genetics	Acids Bonding, Moles and Calculations	Forces and Motion
	Natural Selection and Genetic Modification	Electrolysis	Radiation
	Ecosystems	Extracting Metals and Equilibria	
		Triple Content: Quantitative Analysis, Chemical Cells	Forces and Effects
			Electricity and Circuits
			Triple Content: Astronomy
11	Plant Structure and Function	Groups of the Periodic Table and Rates and Energy Changes	Magnetic Fields
	Animal Coordination and Homeostasis	Fuels and Earth Science	EM Induction
	Exchange and Transport	Triple Content: Qualitative Analysis and Materials	Particles and Matter
			Triple Content: Static Electricity

*Some modifications made for covid circumstances