

Pyrland School Biology Curriculum Map

	Year 7	Year 8	Year 9	Year 10	Year 11
Autumn 1	Cells	Growth and Reproduction	Infectious Diseases	Infection and Response	Homeostasis and Response
Autumn 2	Heredity and Variation				
Spring 1		Biochemistry	Cell Biology	Bioenergetics	Inheritance, variation and Evolution
Spring 2	From Cells to organs				Revision
Summer 1		Interdependence	Organisation	Ecology	Revision
Summer 2	Staying Healthy				Exams
The cellular basis of life		Heredity and Life Cycles	Variation, Adaptation and Evolution	Organisms and their environment	Health and Disease



Pyrland School Chemistry Curriculum Map

	Year 7	Year 8	Year 9	Year 10	Year 11
Autumn 1	Matter	Understanding Reactions	Weathering, Erosion and Rocks	Chemical Changes	Rate and Extent of Chemical Change
Autumn 2			Periodic Table		Chemical Analysis
Spring 1	Elements and Compounds	Air and Water		Energy Changes	Using Resources
Spring 2	Solubility	Energy Changes	Atomic Structure		Revision
Summer 1	Earth Formation and Structure	Acids and Alkalis	Bonding, Structure and Properties	Organic Chemistry	Revision
Summer 2	Chemical Change			Chemistry of the Atmosphere	Exams
Substances and Properties		Particles and Structure		Chemical Reactions	
			Earth Chemistry		Dynamic Earth

Pyrland School Physics Curriculum Map

	Year 7	Year 8	Year 9	Year 10	Year 11
Autumn 1		Moving by Force	Floating and Sinking		Waves
Autumn 2	Forces	Making Images	Circuits and Magnets	Energy	Magnetism and Electromagnetism
Spring 1	Sound and Light	Space	Particle Model		Space Physics (separates only)
Spring 2		Simple Electrical Circuits		Atomic Structure	Revision
Summer 1	Heating and Cooling	More about Forces		Forces	Revision
Summer 2		Waves	Electricity		Exams
Matter	Forces and Motion	Sound, Light and Waves		Electricity and Magnetism	Earth in Space

