



**NETHERWOOD
ACADEMY**

Astrea Academy Trust
INSPIRING BEYOND MEASURE

SCIENCE CURRICULUM 2022-23	YEAR 7	YEAR 8	YEAR 9	YEAR 10	YEAR 11
TERM 1	Scientific skills 1 Cells 1 Particle model 1	Scientific skills 2 Cells 2 Periodic table	Scientific skills 3 Metals and non-metals Energy 2	Atomic structure 3 Bonding Chemical reactions 3 Energy 3	Using resources Forces 4 Rates of reaction Chemical analysis
TERM 2	Energy 1 Movement Healthy living	Forces 2 Inheritance 1	Inheritance 2 Electricity 3 Waves 2	Organisation 2 Biochemical reactions 3 Electricity 4	Variation and evolution Homeostasis Waves 3 Electromagnetism
TERM 3	Atomic structure 1 Forces 1	Chemical reactions 2 Electricity 2	Particle model 2 Forces 3	Chemical reactions 3 Quantitative chemistry Infection and disease	Revision
TERM 4	Chemical reactions 1 National Science Week	Biochemical reactions 1 Separating mixtures National Science Week	Maths's skills in science National Science Week	Inheritance 3 Interdependence 2	Revision
TERM 5	Reproduction Electricity 1	Interdependence 1 Waves 1	Cells 3 Atomic structure 2	Organic chemistry Atmospheric chemistry Using resources Forces 4	Revision
TERM 6	Earth Universe	Organisation 1	Biochemical reactions 2 Energy changes Particle model 3	Chemical reactions 3 Chemical analysis	