

Year 7	Advent 1	Advent 2	Lent 1	Lent 2	Penetcost 1	Pentecost 2
Topics	Introduction to science particle model and separating mixtures	Forces and gravity and electromagnets	Organisms Ecosystems	Acids & alkalis Metals and non-metals	Energy and Sound	Light STEM project
Skills	Plan and carry out scientific enquiries to test predictions. Using models to represent particles. Using scientific apparatus to separate mixtures.	Working scientifically: present data using appropriate scientific methods. Using equations.	Use models to represent muscle movement. Using equations. Working scientifically - identifying and classifying.	Working scientifically- make and record observations and measurements	Using equations. Making predictions.	Safe and precise practical skills: measuring angles.
Key Questions	How does the arrangement of atoms in solids, liquids and gases relate to their properties?	How does an unbalanced force affect speed?	What are the smallest building blocks in organisms?	Are all acids dangerous?	If energy cannot be created or destroyed then how is it transferred?	How does the eye work?
Assessment	End of Topic Test	Test on everything studied so far	End of Topic Test	Test on everything studied so far	End of Topic Test	End of Year test