

Science Long-Term Plan

Long-term planning (LTPs) - Planning how the key concepts, knowledge, skills identified in the Progression map will be delivered termly per year group

Ensuring that end points & NC/spec are covered

Identifying what assessments are planned and when

Ensuring whole school intent priorities to be planned for

This plan is based on a single teacher at Newport

A group which has a 2:1 teacher split has a slightly different map but identical content

Olney have a 3 unit rotation due to 5 science groups being on at the same time

(Year 7)						
	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Unit title:	How Science Works Matter	Forces Energy	Chemical reactions 1	cells	Reproduction	Interdependence Space
Unit length:	8 lessons 12 lessons	13 lessons 17 lessons	20 lessons	11 lessons	12 lessons	12 lessons 10 lessons
Key concepts:	Conduct practical work with confidence to collect data Structure determines properties	Forces predict motion Energy is Conserved in Transfers	Conduct practical work Acids & alkalis	Examine cells	Puberty Reproduction in humans & plants Seed dispersal	How organisms are dependent on each other Earth & its position in the solar system
Knowledge/ Skills:	Practical skills Graph plotting numeracy	Practical skills Graph plotting numeracy	Practical skills	Using microscopes		Graph plotting numeracy
End points covered:	Working scientifically Heating and phase changes	Energy changes and transfers, describing motion, forces	pH & indicators		Change into adulthood Plant life cycle	Food chains and how they are affected Days/years/seasons
NC/Spec coverage:						
Cross-curricular links:						

Assessments:	HSW end of unit test Matter end of unit test	Forces end of unit test Energy end of unit test	Chemical reactions end of unit test	Cells end of unit test	End of Year exam	Interdependence end of unit test space end of unit test
Other school intent priorities						
New experiences – broadening horizons						
Developing character – <i>Kind, Hard Working, Successful</i>						
Context specific need – diversity, inclusion; reading, literacy; mental health						
Curriculum Careers - Gatsby 4						