

Yox Valley Science Long Term Plan

	Key Stage One	Lower Key Stage 2	Upper Key Stage 2
Conflict Autumn	Materials Were the “Three Little Pigs” good builders?	Animals including humans What if your skeleton was made of a flexible material?	Forces Which would fall faster, a stone or a piece of paper?
			Earth and Space If the earth spins why aren’t we dizzy?
Planet Earth Spring	Living things and their habitats and animals and humans. What would happen if all animals lived in the same place?	Forces What is the most surprising use of a magnet?	Living things and their habitats Would you rather live in a world with no plants or no animals?
		Light Is it ever really dark?	
Britain Summer	Living things and their habitats Which plant is the most amazing of them all?	Plants If there were no leaves would plants still live?	Animals including humans Should we use cars for journeys of less than one mile?
	Animals and Humans Which of our senses is the most important?		Animals including humans What happens to humans as they get older? NB extra content for year 6
Human Kind Autumn	Animals including humans and seasonal change. How do humans survive?	Rocks What makes a rock valuable?	Properties of materials How can we provide everyone with clean water?
		States of matter What makes water so special?	
Inventions Spring	Every day materials and seasonal change Do risk takers become inventors?	Electricity Which is the most important: an insulator or a conductor?	Light Does light only travel in straight lines?
		Sound How do whales hear over long distances?	Electricity If electricity is so dangerous should we still use it?
Civilisations Summer	Plants and seasonal changes Do big plants come from big seeds?	Living things and their habitats and animals including humans What would happen if the sun stopped shining	Evolution and Inheritance Which is the camel’s most important feature?
			Animals including humans What happens to humans as they get older? - extra content for year 6 Are all mammals pregnant for the same length of time?

