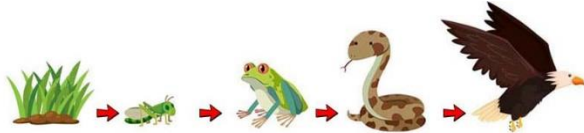


ALDER COPPICE PRIMARY SCHOOL UNIT INFORMATION

SUBJECT: Science		YEAR 4	FOCUS: Biology and Physics	SPRING TERM UNIT 3: Food Chains UNIT 4: Electricity
Knowledge Focus	Biology Animals including Humans		PHYSICS Electricity	
National Curriculum Knowledge	<p>-Construct and interpret a variety of food chains, identifying producers, predators and prey.</p>		<p>-Identify common appliances that run on electricity</p> <p>-Construct a simple series electrical circuit, identifying and naming its basic parts, including cells, wires, bulbs, switches and buzzers</p> <p>-Identify whether or not a lamp will light in a simple series circuit, based on whether or not the lamp is part of a complete loop with a battery</p> <p>-Recognise that a switch opens and closes a circuit and associate this with whether or not a lamp lights in a simple series circuit</p> <p>-Recognise some common conductors and insulators, and associate metals with being good conductors.</p>	
Year 4 Spring 1	<p>Food Chains</p> <ul style="list-style-type: none"> ➤ Interpret more complex food chains and understand the terms producer, predator, and prey. ➤ Construct more complex food chains and label correctly using scientific terms. 			
Year 4 Spring 2			<p>Electricity</p> <ul style="list-style-type: none"> ➤ Know what electricity is and where it comes from. ➤ Know appliances which use main or battery electricity (or both). ➤ Know how a series circuit works. ➤ Know how switches work ➤ Be able to name electrical conductors and insulators. ➤ Know whether a circuit will work and explain why. 