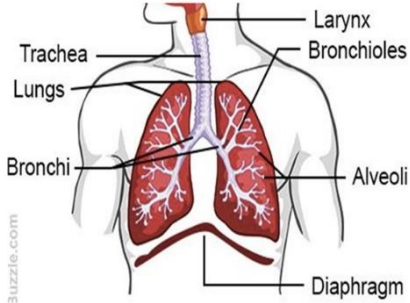









ALDER COPPICE PRIMARY SCHOOL UNIT INFORMATION

SUBJECT: Science		YEAR 6	FOCUS: BIOLOGY & PHYSICS	AUTUMN TERM UNIT 1: Circulatory System UNIT 2: Electricity
Knowledge Focus	BIOLOGY Animals including humans		PHYSICS Electricity	
National Curriculum Knowledge	<p><i>-Identify and name the main parts of the human circulatory system, and describe the functions of the heart, blood vessels and blood</i></p> <p><i>-Recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function</i></p>		<p>-Associate the brightness of a lamp or the volume of a buzzer with the number and voltage of cells used in the circuit</p> <p>-Compare and give reasons for variations in how components function, including the brightness of bulbs, the loudness of buzzers and the on/off position of switches</p> <p>-Use recognised symbols when representing a simple circuit in a diagram.</p>	
Year 6 Autumn 1	<p>Circulatory System</p> <p>Children Will:</p> <ul style="list-style-type: none"> ➤ Know how the human circulatory works. ➤ Know the functions of the heart, blood vessels and blood. ➤ Know the effects of exercise on the body. ➤ Know how the body may be damaged by drugs 		 <p>The diagram illustrates the human respiratory system. It shows the trachea (windpipe) leading down to the bronchi, which branch into bronchioles and finally into the alveoli (tiny air sacs) within the lungs. The diaphragm is shown at the base of the thoracic cavity. Labels include: Larynx, Trachea, Lungs, Bronchi, Bronchioles, Alveoli, and Diaphragm. A small vertical watermark '3uzzie.com' is visible on the left side of the diagram.</p>	

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SUBJECT: Science		YEAR 6	FOCUS: BIOLOGY & PHYSICS	AUTUMN TERM UNIT 1: Circulatory System UNIT 2: Electricity
Knowledge Focus	BIOLOGY Animals including humans		PHYSICS Electricity	
National Curriculum Knowledge	<p>-Identify and name the main parts of the human circulatory system, and describe the functions of the heart, blood vessels and blood</p> <p>-Recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function</p>		<p>-Associate the brightness of a lamp or the volume of a buzzer with the number and voltage of cells used in the circuit</p> <p>-Compare and give reasons for variations in how components function, including the brightness of bulbs, the loudness of buzzers and the on/off position of switches</p> <p>-Use recognised symbols when representing a simple circuit in a diagram.</p>	
Year 6 Autumn 2			<p>Electricity</p> <p>Children Will:</p> <ul style="list-style-type: none"> ➤ Know what happens when the number or voltage of cells changes. ➤ Know what happens when wire lengths are changed. ➤ Recognise and use standard electrical circuit symbols. <div style="display: flex; flex-wrap: wrap; justify-content: space-around; align-items: flex-end;"> <div style="text-align: center;">  Battery </div> <div style="text-align: center;">  Wire </div> <div style="text-align: center;">  Bulb </div> <div style="text-align: center;">  Buzzer </div> <div style="text-align: center;">  Motor </div> <div style="text-align: center;">  Switch (off) </div> <div style="text-align: center;">  Switch (on) </div> </div>	