



AUTUMN		SPRING		SUMMER
UNIT: Evolution and Inheritance DRIVER: Science Wow beginning: Planet of the Apes Exert – Could this happen? Wow ending: Adapted animals top trumps	UNIT: Animals, including Humans DRIVER: Science Wow beginning: Keep Fit Boot camp Wow ending: Looking at Ox’s heart	UNIT: Light DRIVER: Science Wow beginning: Thunder Storm Montage Wow ending: Spending some time in a blackout shelter	UNIT: Living things and their Habitats DRIVER: Science Wow beginning: Visit from Spiderman Wow ending: Creation of own super hero	UNIT: Electricity DRIVER: Science Wow beginning: Examine SJF Van Der Graff Machine Wow ending: Creation of an electrical game
<u>Possible Learning Outcomes</u> Study of Primates What can fossils tell us? Who was Charles Darwin? Why do you not usually look exactly like your mum or dad? How are animals adapted to their habitat? How is the Human skeleton suited to Human life? Art – creating collages Dance – creative dance production Literacy – writing balanced answers	<u>Possible Learning Outcomes</u> What is a pulse and why do we have one? Why can the Heart be described as the most important pump we have? What happens to the oxygen we breathe? What have we learnt from pioneers like William Harvey? What is the impact of exercise on the body? Literacy – writing balanced answers Numeracy – calculating pulse rate	<u>Possible Learning Outcomes</u> How do we know that light travels faster than sound? How can you set up an experiment to show that light travels in straight lines? How do your eyes work? How to use mirrors to see around corners? Art – sketching of the eye. Water colours to show light and shadow. Drama – create and present a shadow puppet show	<u>Possible Learning Outcomes</u> Creating classification systems. Can you classify a group of animals and plants from a specific environment? Why are some animals and plants endangered? What are micro-organisms? Can I research artists famed for drawing animals? Art – painting/drawing Numeracy – tabulating information. Literacy - research	<u>Possible Learning Outcomes</u> Can you create a working circuit with a switch buzzer and motor? How do traffic lights work? What do you understand about cells and volts? Can you design a board game involving a switch buzzer or motor? How would you sell your product? Can I design a package for my product? (art) Numeracy – costing/sales data Enterprise
<u>Resources</u> Video clips Large paper Model skeleton Images	<u>Resources</u> Video clips Large paper Model skeleton Images Stop watches	<u>Resources</u> Video clips Large paper Images Circuits Torches art equipment Mirrors	<u>Resources</u> Video clips Large paper Model skeleton Images Art equipment	<u>Resources</u> Van Der Graff Machine Video clips Large paper Model skeleton Images Circuitry Kits