



Coates Lane Primary School  
Science Overview  
2015/16



| AGE PHASE   | YEAR | AUTUMN  |   | SPRING  |   | SUMMER   |  |
|---|------|---|---|---|---|--|--|
| KS1   | 1    | <b>ANIMALS INCLUDING HUMANS</b><br>(INCLUDING BODY PARTS AND SENSES)  | (LIGHT)<br><b>SEASONAL CHANGES</b>                          | <b>PLANTS</b><br>(OBSERVE AND IN LOCAL ENVIRONMENT)           | <b>NATURE AND FIELD JOURNALS- SEASONAL, PLANTS, WEATHER</b> | <b>EVERYDAY MATERIALS &amp; PROPS</b>                    | <b>ANIMALS INCLUDING HUMANS SENSES</b>   |
|   |      | <b>OBSERVE PLANTS THROUGHOUT THE YEAR</b><br><b>OBSERVE SEASONAL CHANGES THROUGHOUT THE YEAR (INCLUDING SUNLIGHT, WEATHER AND LINK WITH PLANTS)</b> |   |   |   |  |  |
|   | 2    | OBSERVATIONS LOCAL ENVIRONMENT THROUGHOUT THE YEAR  | <b>HUMANS- WHAT WE NEED TO SURVIVE, GROWTH AND EXERCISE</b> | <b>PLANTS' GROWTH</b>   | <b>ANIMALS, INCLU HUMANS' (SURVIVAL &amp; GROWTH)</b>       | <b>LIVING THINGS &amp; THEIR HABITATS'</b>               | <b>MATERIAL- CHANGES 'USES OF EVERYDAY MATERIALS'</b>  |
| <b>OBSERVE PLANTS AND ANIMALS IN THE LOCAL ENVIRONMENT THROUGHOUT THE YEAR</b>                                  |      |   |   |   |   |  |  |
| LKS2  | 3    | LIGHT   | <b>NUTRITION, DIET, MOVEMENT AND THE SKELETON</b>           | <b>ROCKS AND FOSSILS</b>                                      | <b>FORCES AND MAGNETS</b>                                   | LIGHT- REFLECTIVE SURFACES AND SHADOWS                   | <b>PLANTS - FUCNTIONS OR PARTS AND PLANT GROWTH</b>  |
|   | 4    | <b>ELECTRICITY</b>  | <b>SOUND</b>  | <b>ANIMALS, INCLU HUMANS- TEETH AND THE DIGESTIVE SYSTEM.</b> | <b>STATES OF MATTER MATERIAL PROPERTIES</b>                 | <b>STATES OF MATTER MATERIAL CHANGES THE WATER CYCLE</b> | <b>LIVING THINGS &amp; THEIR HABITATS' (IDENTIFYING &amp; CLASSIFICATIO N &amp; CARE OF ENVIRO</b> |
| <b>USE THE LOCAL ENVIRONMENT THROUGHOUT THE YEAR TO IDENTIFY AND STUDY PLANTS AND ANIMALS IN THEIR HABITAT.</b> |      |   |   |   |   |  |  |



Coates Lane Primary School  
Science Overview  
2015/16



| AGE PHASE | YEAR | AUTUMN   |   | SPRING   |   | SUMMER   |   |
|-----------|------|--|---|--|---|--|---|
| UKS2      | 5    | MATERIAL PROPERTIES-<br>USES COMPARISONS,<br>THERMAL/ELECTRIC<br>CONDUCTIVITY,<br>TRANSPARENCY | MATERIALS-<br>REVERSIBLE AND<br>IRREVERSIBLE<br>CHANGES | EARTH AND<br>SPACE   | FORCES AND<br>FALLING<br>OBJECTS  | LIFE CYCLES IN<br>ANIMALS AND<br>PLANTS- DAVID<br>ATTENBOROUGH | ANIMALS<br>INCLUDING<br>HUMANS -<br>GROWTH AND<br>DEVELOPMENT |
|           |      | OBSERVE LIFE CYCLES OF PLANTS AND ANIMALS IN THE LOCAL ENVIRONMENT THROUGHOUT THE YEAR         |   |  |   |  |   |
|           | 6    | EVOLUTION AND<br>INHERITANCE   | LIGHT-<br>EXPLORING THE<br>WAY LIGHT<br>BENDS           | FAMOUS<br>SCIENTISTS<br>AND<br>CONTRIBUTIONS<br>TO THE WORLD | CLASIFICATION<br>INCULDING<br>SUBDIVSIONS<br>FOR<br>VERTEBRATES<br>AND<br>INVERTEBRATES | ELECTRICITY  |   |