**Science Overview E P Collier Primary**

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|  | Biology | Physics | Chemistry |
| Year 1 | Animals, including humans (naming animals and body parts) Plants (names & structure) | Seasonal Changes (changes and weather) | Everyday materials (names and prop |
| Year 2 | Living things and their habitats (suitable habitats/simple food chains)  Plants (growing conditions for seeds and bulbs)  Animals, including humans (Health and growth) |  | Uses of everyday materials (suitability and changing shapes of materials) |
| Year 3 | Plants  (functions of parts and life cycles) Animals, including humans (skeletons) | Light  (dark is the absence of light, size of shadows)  Forces and magnets (friction – how things move on different surfaces, magnets) | Rocks  (simple properties, fossils, soils) |
| Year 4 | Living things and their habitats  (grouping and simple classifying/changes to habitats can pose dangers)  Animals, including humans  (teeth, eating and digestions) | Sound  (fainter sounds further away, vibrations, pitch and volume)  Electricity  (simple circuit, switches, conductors and insulators) | States of matter (solids, liquids, gases, heating & cooling, water cycle |
| Year 5 | Living things and their habitats  (life cycles, reproduction)  Animals, including humans  (changes in humans as they grow) | Forces  (gravity, friction, airresistance, levers, pulleys and gears)  Earth and Space  (other planets) | Properties and changes of materials  (more properties including thermal and electrical conductivity, mixing and separating reversible and irreversible) |
| Year 6 | Animals, including humans  (circulatory system, functions of heart, blood vessels and blood, health, water transport in animals)  Living Things and their habitats (classifying including microorganisms) Evolution and inheritance (more about fossils, adaptation | Light  (travels in straight lines, how we see things)  Electricity  (what affects bulb brightness, buzzer volume, voltage, symbols) |  |