***National Curriculum topic titles in bold (if different to ES) NC coverage shown in Bold or Bullet points Yellow Highlights = Engaging Science module titles***

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **R/Year 1** | **Year 1/2 Year A** | **Year 1/2 Year B** | **Year 3/4 Year A** | **Year 3/4 Year B** | * **Year 4/5 Year A** | * **Year 4/5 Year B** | **Year 5/ 6 Year A** | **Year 5/ 6 Year B** |
| **Throughout he year** | **1.1 Our environment** | **2.1 Local Habitats** | **1.1Our environment** | **3.1 Animals homes**  **Living things & habitats**   * Habitats and basic needs * Who lives here?   **Living things & habitats**  Life cycles | **4.1 Respecting our environment** | **5.1 Decay and recycling** | **4.1 Respecting our environment** | **5.1 Decay and recycling**  **Year project** | **6.1 Field Study**  **(Year project or Summer term)**   * sampling technicques * populations – annual change * reasons for change |
|  | **1.4 Plants**   * Naming common organisms   Naming Parts of a plant  Plant growth (Y2) | **1.4 Plants**   * Naming common organisms * Naming Parts of a plant * Plant growth (Y2) | **2.4 Plants**   * Growth * Basic needs |  | **3.4 Plants**   * Function of organs * Varying requirements * Water transport * Flowers and seed formation |  |  |  |  |
|  | **1.2 The Animal Kingdom**  **Animals inc humans**   * Identify and name common animals * Carnivores, herbivores, omnivores * Parts of animals   Senses and body parts | **1.2 Animal Kingdom**    **Animals inc human**   * Identify and name common animals * Carnivores, herbivores, omnivores * Parts of animals * Senses and body parts | **2.3 Animals and their needs**   * Growth * Basic needs | **3.2 Animals and skeletons**  **Animals inc human**   * Nutrition * Skeleton and muscles | **4.3 Digestion**  **Animals inc human**   * Digestive system * Teeth * Food chains | **5.5 Human development**  **Animals inc human**   * Birth to old age   **RSE unit** | **4.3 Digestion**  **Animals inc human**   * Digestive system * Teeth * Food chains | **5.5 Human development**  **Animals inc human**   * Birth to old age * RSE unit | **6.2 Heart and lungs**  **Animals inc human**   * Circulatory system * Keeping healthy * Transport of water and nutrients |
|  |  | **2. 2 Living Things**  **Living things & habitats**   * Differences in living things * Habitats and basic needs * Who lives here? | **2.6 Habitats**  **Living things & habitats**  Simple food chains |  | **4.2 Classification**  **Living things & habitats**   * Classification * Changing environments | **5.2 Life cycles**  **Living things & habitats**   * Life cycles * Reproduction in plants and animals | **4.2 Classification**  **Living things & habitats**   * Classification * Changing environments | **5.2 Life cycles**  **Living things & habitats**   * Life cycles * Reproduction in plants and animals   **6.6 Evolution**  **Evolution**   * Change over time & fossils * Variation & adaptation 🡪 evolution | **6.3 Classification**  **Living things & habitats**   * Classification   **6.6 Evolution**  **Evolution**   * Change over time & fossils * Variation & adaptation 🡪 evolution |
|  | **1.3 Every day Materials**  **Everyday materials**   * Object v. matieral * Naming materials * Simple physical properties * Grouping on physical properties | **2.5 Materials**   * Suitability for uses * Shaping materials | **2.5 Materials**   * Suitability for uses   Shaping materials | **4.6 States of matter**   * Grouping SLG * Changes in state * Water cycle |  | **4.6 States of matter**   * Grouping SLG * Changes in state * Water cycle | **5.4 Mixtures and reactions**  **Properties & changes of materials**   * Physical properties * Solubility * Separating mixtures * Reversible & chemical change |  |  |
|  | **1.5 The Weather (throughout each term)**  **Seasonal change**   * Observing seasonal change * Changes in weather & day length |  |  | **3.6 Rocks**   * Types * Fossil formation * soil | **3.6 Rocks**   * Fossil formation * soil | 5.3 E**arth and space**   * Model solar system * Movement in the solar system * Day and night |  | 5.3 E**arth and space**   * Model solar system * Movement in the solar system   Day and night |  |
|  |  |  |  | **3.5 Light**   * seeing / dark * Reflection * Sun danger * Shadows | **4.5 sound**   * Making sounds * Transmission of sound * Changing pitch & loudness * Dissipation of sound | **3.5 or 6.5 Light (Mixture of year 3 and 6? )**   * light travels in straight lines * Light journeys * Explaining shadows | **4.5 Sound**   * Making sounds * Transmission of sound * Changing pitch & loudness * Dissipation of sound | **6.5 Light**   * Rectilinear propagation * Light journeys * Explaining shadows |  |
|  |  |  |  | **3.3 Forces and Magnets part 1?**   * Friction * Contact & non-contact * ‘magnetic’ materials * Magnetic attraction & repulsion + poles | **3.3 Forces and Magnets part 2?**   * Friction * Contact & non-contact * ‘magnetic’ materials * Magnetic attraction & repulsion + poles | **4.4 Electricity**   * Uses * Simple circuits & switches * Conductors and insulators | **5.6 Forces**   * Falling * Drag & friction * Simple machines – force changers | **6.4/4.4 Electricity ( with elements of Year 4 if needed)**   * Effect of changing Voltage * Symbols | **5.6 Forces**   * Falling * Drag & friction * Simple machines – force changers   **6.4 Electricity**   * Effect of changing Voltage * Symbols |
| **Lessons** |  |  |  |  |  |  |  |  |  |