***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 plantPlant 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** |  |  |  |  |  |  |  |  |  |