

**F1/Nursery:**

To know that we experience and explore the world through the senses.  
To know some parts of our body and recognise basic facial features (eyes, nose, mouth).  
To know that animals and humans grow up and change over time: Observe a basic animal life cycle and understand that this shows change.  
To know the names of some common animals and their young: hen and chick, caterpillar and butterfly.  
To know the differences between some common animals based on a simple given criteria e.g. animals that fly/animals that don't fly.

**F2/Reception:**

To know the name the 5 senses when we explore.  
To know the names of the human face features (eyes, nose, mouth, eyebrows, ears, hair).  
To know a very simple animal life cycle and know each part of the process in the right order: egg, chick, hen.  
To know a larger variety of common animals using a grouping criteria of choice e.g. Animals with 4 legs/not 4 legs. Animals with fur/no fur.



Science Knowledge Path

**Animals Including Humans**

**Year 1:**

To know that eyes are associated with sight, ears with sound, tongue with taste, nose with smell and skin with touch.  
To know and name several human body parts: feet, legs, arms, hands, torso, head, skin, ears, eyes, nose, eyebrows, mouth, forehead, chin, cheeks, tongue.  
To know a more complex life cycle: Frogs (Frog spawn, tadpole, froglet, frog).  
To know the main categories/animal groups common animals belong to (mammals, amphibians, fish, birds, reptiles).:  
To know that some animals are carnivores, herbivores and omnivores and to know the differences.  
To know the basic feature of each animal group:  
Fish have gills to breathe, mammals have lungs and hair, reptiles have scales, birds have wings, amphibians can breathe in and out of water.

**Year 2:**

To know the 5 senses in real world terms and their consequences e.g. When we feel a hot surface, we know this is dangerous. If we hear a busy road, we know to be careful crossing.  
To know that human features change over time as we age: wrinkles, hair colour changes, height changes.  
To know a human life cycle in detail: (Baby, toddler, child, teenager, adult, elderly person).  
To know the features of typical carnivores, herbivores and omnivores (carnivores have sharp teeth to hunt and eat meat/prey. Herbivores have blunt teeth to chew plants. Omnivores usually have a mixture of sharp and blunt teeth as they eat both plants and meat).  
To know the basic needs of animals for survival: water, food, air, shelter.  
To know the importance of a healthy lifestyle: exercise, balanced diet, hygiene and medicine.