



Roman Way Primary School

RHE (including SRE) Science Curriculum expectations

We have highlighted where RSE is taught in the science curriculum

As part of the Science curriculum we teach the following statutory objectives that build understanding about growth and reproduction:

Year One

- Identify, name, draw and label the basic parts of the human body and say which part of the body is associated with each sense.

Year Two

- Notice that animals, including humans, have offspring which grow into adults they should not be expected to understand how reproduction occurs.

Year Five and Year Six

- Describe the life process of reproduction in some plants and animals. They should learn about the changes experienced in puberty
- Recognise that living things produce offspring of the same kind, but normally offspring vary and are not identical to their parent

	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Animals including humans and Evolution and inheritance	- Can identify and name a variety of common animals including fish, amphibians, reptiles, birds and mammals. - Can identify and name a variety of common animals that are carnivores, herbivores and omnivores - Can describe and compare the structure of a variety of common animals (fish,	- Notice that animals, including humans, have offspring which grow into adults - Find out about and describe the basic needs of animals, including humans, for survival (water, food and air) - Describe the importance for humans of exercise, eating the right	- Can identify that animals, including humans, need the right types and amount of nutrition, and that they cannot make their own food; they get nutrition from what they eat. - Can identify that humans and some other animals have skeletons and muscles for support, protection and movement	- Can describe the simple functions of the basic parts of the digestive system in humans. - Can identify the different types of teeth in humans and their simple functions. - Can construct and interpret a variety of food chains, identifying	Can describe the changes as humans develop to old age.	- Can identify and name the main parts of the human circulatory system, and describe the functions of the heart, blood vessels and blood. - Can recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function. - Can describe the ways in which nutrients and water are transported within animals, including

	amphibians, reptiles, birds and mammals, including pets) • Can identify, name, draw and label the basic parts of the human body and say which part of the body is associated with each sense.	amounts of different types of food, and hygiene.		producers, predators and prey		humans. Evolution and inheritance • Can recognise that living things have changed over time and that fossils provide information about living things that inhabited the Earth millions of years ago. • Can recognise that living things produce offspring of the same kind, but normally offspring vary and are not identical to their parents. • Can identify how animals and plants are adapted to suit their environment in different ways and that adaptation may lead to evolution
Living things and their habitats			• Can explore and compare the differences between things that are living, dead, and things that have never been alive. • Can identify that most living things live in habitats to which they are suited and describe how different habitats provide for the basic needs of different kinds of animals and plants, and how they depend on each other • Can identify and name a variety of plants and animals in their habitats, including micro -habitats		• Can describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird. • Can describe the life process of reproduction in some plants and animals.	• Can describe how living things are classified into broad groups according to common observable characteristics and based on similarities and differences, including micro -organisms, plants and animals. • Can give reasons for classifying plants and animals based on specific characteristics.