



TWO RIVERS  
HIGH SCHOOL

**Two Rivers High School**

**Explorers – Year 7 & 8**

**Knowledge and Skills**

	Autumn 2022-23	Spring 2022-23	Summer 2022-23
	Animals and their habitats	The Human race	Wild Weather and changing seasons
<b>Key content:</b>			
To identify and name a variety of common animals including fish, amphibians, reptiles, birds and mammals			
To identify and name a variety of common animals that are carnivores, herbivores and omnivores.			
To describe and compare the structure of a variety of common animals (fish, amphibians, reptiles, birds and mammals, including pets).			
To explore and compare the differences between things that are living, dead, and things that have never been alive.			
To 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			



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and plants, and how they depend on each other.			
To identify and name a variety of plants and animals in their habitats, including micro-habitats			
To describe how animals obtain their food from plants and other animals, using the idea of a simple food chain, and identify and name different sources of food.			
<b>Working scientifically key skills:</b>			
To identify the importance of being safe in the lab			
To list what safety measures we need to follow when in the lab			
To ask simple questions			
To identify and classify			
<b>Key content:</b>			
To retrieve information about the key features of mammals.			
To explain why humans are mammals.			
To understand that animals, including humans, have offspring which grow into adults.			
To describe the basic needs of animals, including humans, for survival (water, food and air).			
To describe the importance for humans of exercise, eating the right amounts of different types of food, and hygiene.			



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To identify different types of food eaten by different animals in relation to their habitat			
<b>Working scientifically key skills:</b>			
To use observation and ideas to suggest answers to questions			
To observe closely using simple equipment			
To gather and record data			
<b>Key content:</b>			
To name the 4 different seasons and identify their main characteristics			
To explain changes through Autumn, Winter, Spring and Summer			
To observe and describe weather associated with the seasons and how day length varies.			
To explain why we have daylight saving			
To revisit different types of animals and identify which climate they prefer			
To explain how some animals are suited to different seasons			
To identify which groups of animals migrate and why they do this.			
To describe the impact of weather/seasons on humans and their basic needs			



	Autumn 2023-24	Spring 2023-24	Summer 2023-24
	Materials	Human body and the senses	The life of plants
<b>Key content:</b>			
To distinguish between an object and the material from which it is made.			
To identify and name a variety of everyday materials, including wood, plastic, glass, metal, water, and rock.			
To describe the simple physical properties of a variety of everyday materials. I can describe some e			
To compare and group together a variety of everyday materials on the basis of their simple physical properties.			
To identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses.			
To describe how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching.			
<b>Working scientifically key skills:</b>			



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To use observation and ideas to suggest answers to questions			
To observe closely using simple equipment			
To gather and record data			
To perform simple tests			
To identify the importance of being safe in the lab			
To list what safety measures we need to follow when in the lab			
<b>Key content:</b>			
To identify, name, draw and label the basic parts of the human body			
To say which part of the body is associated with each sense.			
To describe the importance for humans of exercise, eating the right amounts of different types of food, and hygiene.			
To list different food groups such as protein, fat etc.			
To identify the different foods that humans need to remain healthy			
To identify the key elements of being hygienic			
To explain why it is important to be hygienic			
To name the organs within the body			
To explain the function of the organs			
<b>Working scientifically key skills:</b>			
To ask simple questions			
To identify and classify			



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**Key content:**

To identify and name a variety of common wild and garden plants, including deciduous and evergreen trees.

To identify and describe the basic structure of a variety of common flowering plants, including trees.

To observe and describe how seeds and bulbs grow into mature plants.

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Find out and describe how plants need water, light and a suitable temperature to grow and stay healthy.

To draw the life cycle of a plant

To identify how different climates change the lifecycle of a plant

