

Iver Village Infant Academy Curriculum

Science Overview		Subject Overview 2023 - 2024
Key Concepts	<ul style="list-style-type: none"> • asking simple questions and recognising that they can be answered in different ways • observing closely, using simple equipment • performing simple tests • identifying and classifying • using their observations and ideas to suggest answers to questions • gathering and recording data to help in answering questions. 	<u>Themes</u> Plants Animals Humans Seasons Movement Materials
Objectives to cover (Directly from NC)	<p>A high-quality science education provides the foundations for understanding the world through the specific disciplines of biology, chemistry and physics. Science has changed our lives and is vital to the world’s future prosperity, and all pupils should be taught essential aspects of the knowledge, methods, processes and uses of science. Through building up a body of key foundational knowledge and concepts, pupils should be encouraged to recognise the power of rational explanation and develop a sense of excitement and curiosity about natural phenomena. They should be encouraged to understand how science can be used to explain what is occurring, predict how things will behave, and analyse causes.</p> <p>Pupils will be taught to:</p> <p>Plants:</p> <ul style="list-style-type: none"> • Identify, classify and describe their basic structure • Observe and describe growth and conditions for growth <p>Habitats:</p> <ul style="list-style-type: none"> • Look at the suitability of environments and at food chains <p>Animals and humans</p> <ul style="list-style-type: none"> • Identify, classify and observe • Look at growth, basic needs, exercise, food and hygiene <p>All living things</p> <ul style="list-style-type: none"> • Look at growth, basic needs, exercise, food and hygiene <p>Materials</p> <ul style="list-style-type: none"> • Identify, name, describe, classify, and compare properties and changes • Look at the practical use of everyday materials 	

	Autumn Term	Spring Term	Summer Term
Year 1	Animals inc. humans Seasonal change	Materials Seasonal change Animals	Plants Seasonal change
Year 2	Use of everyday materials	Living things and their habitats Humans	Plants Animals including humans