

Key Learning in Science

Early Years Foundation Stage	Key Stage 1	Key Stage 2
<p>Scientific aspects of the children’s work are related to the objectives set out in the Early Learning Goals (ELGs) within the area of ‘Understanding the world.’</p> <p>These concepts are introduced indirectly through activities that encourage every child to explore, problem solve, observe, predict, think, make decisions and talk about the world around them.</p> <p>The children will observe and manipulate objects and materials to identify differences and similarities. They will also learn to use their senses, feeling dough or listening to the sounds in the environment, and explain why some things occur and talk about changes. Children will be encouraged to ask questions about why things happen and how things work.</p> <p>Children will also be asked about what they think will happen to help them communicate, plan, investigate, record and evaluate findings.</p> <p>Scientific opportunities are provided through:</p> <ul style="list-style-type: none"> • First hand experiences • Activities inside and outside that encourage curiosity • Activities that are imaginative and enjoyable 	<p>The fundamental skills, knowledge and concepts of the subject are categorised into the following areas:</p> <ul style="list-style-type: none"> • Working Scientifically • Plants • Animals, including humans • Everyday materials • Seasonal changes • Continue to explore: forces and movement, light and dark, electricity and sound and hearing. 	<p>The fundamental skills, knowledge and concepts of the subject are categorised into the following areas:</p> <ul style="list-style-type: none"> • Working Scientifically • Animals, including humans • Forces and Magnets • Properties and change of materials • Rocks and Solids • Plants • Light • Earth and Space • Sound • States of Matter • Evolution and inheritance • Living things and their habitats • Electricity