

LOWER KS2 SCIENCE IN ENGLISH, YEARS THREE AND FOUR, OVERVIEW

<u>UNIT</u>	<u>TOPICS COVERED</u>
KEEPING ANIMALS HEALTHY	Living animals Food and feeding Diets Teeth Bones Muscles and movement Exercise
GROWING AND LIVING TOGETHER	Plants How water is transported in plants Growing plants Living together A place to live Keys Food chains
MATERIALS AND THEIR PROPERTIES	What things are made from Where materials come from Finding out about useful properties Thermometers Keeping things hot or cold Insulators and conductors
SOLIDS, LIQUIDS AND MIXTURES	Rocks and soils More about soil Solids and liquids Measuring volumes of liquids Melting and freezing Mixing materials Sieving Filtering Separating mixtures
ALL ABOUT FORCES	What can forces do? Magnets and their uses Magnet materials Springs and elastic bands The force of friction Water and air resistance Measuring forces
LIGHT AND SHADOWS	Learning about light Shadows Movement of the sun Shadows through the day Transparent, translucent and opaque
ELECTRICAL CIRCUITS AND CONDUCTORS	Making a circuit Batteries Switches The need for a complete circuit Insulators and conductors Buzzers and motors Being safe with electricity