

# Science

## Key Stage 3 Overview



### What will your child study at Key Stage 3 (Years 7-9)?

#### Curriculum Overview

Year	Autumn		Spring		Summer	
7a1 7a3 7b1 7c1	<b>Matter:</b> particle model & separating mixtures  <b>Forces:</b> speed & gravity	<b>Organisms:</b> Movement & cells  <b>Electromagnets:</b> voltage, resistance & current	<b>Reactions:</b> metals & non- metals acids an alkalis  <b>Ecosystems:</b> interdependence & plant repro	<b>Energy:</b> cost and transfer	<b>Energy:</b> cost & transfer  <b>Earth:</b> structure & universe  <b>Genes:</b> variation & human reproduction	<b>Genes:</b> variation & human reproduction  <b>Waves:</b> sound & light
7a2 7a4 7b2	<b>Matter:</b> particle model & separating mixtures  <b>Forces:</b> speed & gravity	<b>Electromagnets:</b> voltage, resistance & current  <b>Organisms:</b> Movement & cells	<b>Ecosystems:</b> interdependence & plant repro  <b>Reactions:</b> metals & non- metals acids an alkalis	<b>Energy:</b> cost and transfer	<b>Energy:</b> cost & transfer  <b>Waves:</b> sound & light  <b>Genes:</b> variation & human reproduction	<b>Genes:</b> variation & human reproduction  <b>Earth:</b> structure & universe
8	<b>Forces:</b> contact forces & pressure  <b>Matter:</b> periodic table & elements	<b>Ecosystems:</b> Respiration & photosynthesis  <b>Electromagnets:</b> magnetism & electromagnetism	<b>Reactions:</b> Chemical energy & types of reaction  <b>Organisms:</b> Breathing & digestion	<b>Organisms:</b> Breathing & digestion  <b>Waves:</b> Wave effect & properties	<b>Genes:</b> Evolution & inheritance  <b>Revision</b>  <b>End of key stage assessment</b>	<b>Energy:</b> Work & heating and cooling  <b>Earth:</b> Climate & earth resources

All students will take an End of Year Exam during the summer term, and if time allows students will begin the next year's curriculum. Year 7 students will take a Baseline Test and Introduction to Safety during the Autumn term.