



KS3 Science - Curriculum Overview

Year 7

Half Term:	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Topics:	<ul style="list-style-type: none"> • Introduction to Science • Cells • Mixtures and Separation 	<ul style="list-style-type: none"> • Sexual Reproduction in Animals • Energy 	<ul style="list-style-type: none"> • Acids and Alkalis • Electricity 	<ul style="list-style-type: none"> • Muscles and Bones • The Particle Model 	<ul style="list-style-type: none"> • Ecosystems • Forces 	<ul style="list-style-type: none"> • Sound • Atoms and Elements
Assessment & End Points:	Star Assessment at the end of each topic. Skills Assessments evaluate scientific enquiry within topics.	Star Assessment at the end of each topic. Skills Assessments evaluate scientific enquiry within topics.	Star Assessment at the end of each topic. Skills Assessments evaluate scientific enquiry within topics.	Star Assessment at the end of each topic. Skills Assessments evaluate scientific enquiry within topics.	Star Assessment at the end of each topic. Skills Assessments evaluate scientific enquiry within topics.	Star Assessment at the end of each topic. Skills Assessments evaluate scientific enquiry within topics.

Year 8

Half Term:	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Topics:	<ul style="list-style-type: none"> • Food and Combustion • Nutrition 	<ul style="list-style-type: none"> • Breathing and Respiration • Fluids 	<ul style="list-style-type: none"> • Periodic Table • Light 	<ul style="list-style-type: none"> • Plant Reproduction • Metals 	<ul style="list-style-type: none"> • Unicellular Organisms • Energy Transfers 	<ul style="list-style-type: none"> • Rocks • Earth and The Universe
Assessment & End Points:	Star Assessment at the end of each topic. Skills Assessments evaluate scientific enquiry within topics.	Star Assessment at the end of each topic. Skills Assessments evaluate scientific enquiry within topics.	Star Assessment at the end of each topic. Skills Assessments evaluate scientific enquiry within topics.	Star Assessment at the end of each topic. Skills Assessments evaluate scientific enquiry within topics.	Star Assessment at the end of each topic. Skills Assessments evaluate scientific enquiry within topics.	Star Assessment at the end of each topic. Skills Assessments evaluate scientific enquiry within topics.

Year 9

Half Term:	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Topics:	<ul style="list-style-type: none"> • Plant Growth • Materials 	<ul style="list-style-type: none"> • Genetics • Forces and Motion 	<ul style="list-style-type: none"> • Reactivity • Forcefields and Electromagnets 	Biology, Chemistry and Physics Revision and Projects	<ul style="list-style-type: none"> • GCSE Biology - Communities • GCSE Chemistry - Atomic Structure • GCSE Physics - Springs and Forces 	<ul style="list-style-type: none"> • GCSE Biology - Ecology • GCSE Chemistry - Chemical Changes • GCSE Physics - Magnetism
Assessment & End Points:	Star Assessment at the end of each topic. Skills Assessments evaluate scientific enquiry within topics.	Star Assessment at the end of each topic. Skills Assessments evaluate scientific enquiry within topics.	Star Assessment at the end of each topic. Skills Assessments evaluate scientific enquiry within topics.	End of KS3 Science Assessment, cover all of KS3 Science topics and skills.	End of topic Star Assessments for each subject.	End of topic Star Assessments for each subject.