

Curriculum Map

Subject: Science

Year Group: 7

Time Period	Autumn Term	Spring Term	Summer Term
Content	Lab safety Introduction to scientific skills Cells Forces Particles	Organisation in plants and animals Light Elements and compounds Mixtures	Health and digestion Sound Space Reactions
Skills	Predicting, making inferences and describing relationships Using apparatus confidently and safely Use of scientific terms Organisation of ideas and information Identifying main ideas, events and supporting details Application of working scientifically	Predicting, making inferences and describing relationships Using apparatus confidently and safely Use of scientific terms Organisation of ideas and information Identifying main ideas, events and supporting details Application of working scientifically	Predicting, making inferences and describing relationships Using apparatus confidently and safely Use of scientific terms Organisation of ideas and information Identifying main ideas, events and supporting details Application of working scientifically
Key Questions	How can I work safely in the lab? What are variables? How do I write a method? How do I construct a table? How do I draw graphs? How do I analyse results? What is a cell? How do substances move in and out of cells? How can I see cells? What is a particle? What are changes of state?	What is a; tissue, organ and organ system? How do my muscles and skeleton work? How do I breathe? What is Photosynthesis? What are reflection and refraction? How does my eye work? How are different colours made? What are; elements, compounds and mixtures? How can we work out the formula of	What is a healthy diet? How are bacteria used to make food? What are the dangers of; smoking drinking alcohol and taking illegal drugs? What are waves? How can I hear sounds? What is echolocation and ultrasound? What is in our solar system? What is the structure of the earth? What are seasons? What are the main types of chemical

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	What are forces? How can they work together or against each other?	different compounds? What is solubility? How can we separate mixtures? What is diffusion?	reactions?
Assessment week and content	Baseline test WC 4th September Forces test W/C 10 th November Particles test W/C 4 th December	Cells test W/C 4 th January Elements and compounds test W/C 5 th February Light test W/C 22 nd January	Organisation test W/C 25 th March Mixtures test W/C 6 th May Sound test W/C 25 th March Reactions test W/C 8 th July Health and digestion test W/C 8 th July Space test W/C 3 rd June

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