

## Year 9 Science SKI Week Preparation

All students will sit a **75 mark test** divided into 3 sections which tests their understanding of the topics covered this year as outlined below future. We would really appreciate any support and encouragement you can offer at home to help your young person consolidate their learning from this year and set the foundation for their future success in Science.

### Section 1, Biology : CB5

Communicable / non-communicable disease	<a href="#">Health, disease and the development of medicines - GCSE Combined Science - BBC Bitesize</a>
BMI	
Effect of diet	
Pathogens	
Immunity	
Treating heart disease	
Malaria	

### Section 2, Chemistry : CC1-2

Separating techniques	<a href="#">States of matter and mixtures - GCSE Combined Science - BBC Bitesize</a>
Water purification	
Changes of state	

### Section 3, Physics

Electricity and Magnetism: circuit symbols, circuit diagrams, calculations	<a href="#">What is electricity guide for KS3 physics - BBC Bitesize</a> <a href="#">Introduction to circuits - Electricity - KS3 Physics - BBC Bitesize</a> <a href="#">Series circuits - Electricity - KS3 Physics - BBC Bitesize</a> <a href="#">Parallel circuits - KS3 Physics - BBC Bitesize</a> <a href="#">Electric current and potential difference guide for KS3 physics students - BBC Bitesize</a> <a href="#">Resistance - KS3 Physics - BBC Bitesize</a>
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Magnetic fields	<a href="#">Magnetism guide for KS3 physics students - BBC Bitesize</a> <a href="#">Electromagnetism guide for KS3 physics students - BBC Bitesize</a>
Electromagnets	<a href="https://www.bbc.co.uk/bitesize/topics/zrvbkqt/articles/z8g996f">https://www.bbc.co.uk/bitesize/topics/zrvbkqt/articles/z8g996f</a>

## How to revise?

Students should look back at the end of topic tests that they have completed and select specific topics that they found difficult, to do some independent revision on.

The questions in the end of year test will be similar to the questions used in the end of topic tests which should be stuck into their Science book.

All of the BBC Bitesize links shared have excellent videos and mini quizzes to help students to revise. Students might also find it helpful to summarise the main points whilst they are reading/watching the videos.