



TOPICS	YEAR CURRICULUM	HOW YOU CAN SUPPORT LEARNING AT HOME, EG. BOOKS, WEBSITES, FAMILY LEARNING THROUGH VISITS.
Unit 8a Food! Glorious food!	This unit covers diet, digestion and the transport of and uses for the nutrients in digested food. All of this is looked at within a context of food advertising (including diets and supplements). Calculations of energy requirements in a healthy daily diet will also be covered.	The following pages of the BBC Bitesize website provide specific revision activities, quick tests and extended questions to help you with you learning. <a href="http://www.bbc.co.uk/bitesize/ks3/science/organisms_behaviour_health/">http://www.bbc.co.uk/bitesize/ks3/science/organisms_behaviour_health/</a>  Various commercial revision guides are available from bookstores. Some example and website links are below <a href="https://www.cgpbooks.co.uk/Student/books_ks3_science">https://www.cgpbooks.co.uk/Student/books_ks3_science</a> <a href="http://lettsrevision.com/parents/key-stage-three/">http://lettsrevision.com/parents/key-stage-three/</a> <a href="http://www.collinseducation.com/Secondary/Science/Pages/Default.aspx">http://www.collinseducation.com/Secondary/Science/Pages/Default.aspx</a>
Unit 8b Going for gold.	Using the theme of sports (particularly athletics), this unit covers the chemical reaction of respiration in living organisms and the structure and function of the human respiratory and circulatory systems and the manufacture of blood cells. This unit also covers the theme of biomechanics.	The following pages of the BBC Bitesize website provide specific revision activities, quick tests and extended questions to help you with you learning. <a href="http://www.bbc.co.uk/bitesize/ks3/science/organisms_behaviour_health/">http://www.bbc.co.uk/bitesize/ks3/science/organisms_behaviour_health/</a>  Various commercial revision guides are available from bookstores. Some example and website links are below <a href="https://www.cgpbooks.co.uk/Student/books_ks3_science">https://www.cgpbooks.co.uk/Student/books_ks3_science</a> <a href="http://lettsrevision.com/parents/key-stage-three/">http://lettsrevision.com/parents/key-stage-three/</a> <a href="http://www.collinseducation.com/Secondary/Science/Pages/Default.aspx">http://www.collinseducation.com/Secondary/Science/Pages/Default.aspx</a>
Unit 8c Doctors and diseases.	The work of doctors and the diseases that they come across provide the theme for this unit. Work also includes microbes, population growth, uses of microbes, disease transmission,	The following pages of the BBC Bitesize website provide specific revision activities, quick tests and extended questions to help you with you learning. <a href="http://www.bbc.co.uk/bitesize/ks3/science/organisms_behaviour_health/">http://www.bbc.co.uk/bitesize/ks3/science/organisms_behaviour_health/</a>



	disease prevention, natural defences, vaccines and medicines.	Various commercial revision guides are available from bookstores. Some example and website links are below <a href="https://www.cgpbooks.co.uk/Student/books_ks3_science">https://www.cgpbooks.co.uk/Student/books_ks3_science</a> <a href="http://lettsrevision.com/parents/key-stage-three/">http://lettsrevision.com/parents/key-stage-three/</a> <a href="http://www.collinseducation.com/Secondary/Science/Pages/Default.aspx">http://www.collinseducation.com/Secondary/Science/Pages/Default.aspx</a>
Unit 8d The way of the dodo.	This unit revises work on habitats, classification, adaptation and feeding relationships from Year 7. This is extended by considering the differences between how scientists find out about these things for extinct organisms and those that are still living. Population changes, fieldwork techniques and the interdependence of organisms within a community are also introduced.	The following pages of the BBC Bitesize website provide specific revision activities, quick tests and extended questions to help you with you learning. <a href="http://www.bbc.co.uk/bitesize/ks3/science/organisms_behaviour_health/">http://www.bbc.co.uk/bitesize/ks3/science/organisms_behaviour_health/</a>  Various commercial revision guides are available from bookstores. Some example and website links are below <a href="https://www.cgpbooks.co.uk/Student/books_ks3_science">https://www.cgpbooks.co.uk/Student/books_ks3_science</a> <a href="http://lettsrevision.com/parents/key-stage-three/">http://lettsrevision.com/parents/key-stage-three/</a> <a href="http://www.collinseducation.com/Secondary/Science/Pages/Default.aspx">http://www.collinseducation.com/Secondary/Science/Pages/Default.aspx</a>
Unit 8e In the drink.	This unit uses the context of safe water supplies to introduce and develop the idea that many everyday substances are actually mixtures and that these mixtures can be separated, using a variety of techniques, to produce useful materials.	The following pages of the BBC Bitesize website provide specific revision activities, quick tests and extended questions to help you with you learning. <a href="http://www.bbc.co.uk/bitesize/ks3/science/chemical_material_behaviour/">http://www.bbc.co.uk/bitesize/ks3/science/chemical_material_behaviour/</a>  Various commercial revision guides are available from bookstores. Some example and website links are below <a href="https://www.cgpbooks.co.uk/Student/books_ks3_science">https://www.cgpbooks.co.uk/Student/books_ks3_science</a> <a href="http://lettsrevision.com/parents/key-stage-three/">http://lettsrevision.com/parents/key-stage-three/</a> <a href="http://www.collinseducation.com/Secondary/Science/Pages/Default.aspx">http://www.collinseducation.com/Secondary/Science/Pages/Default.aspx</a>
Unit 8f Materials and recycling.	This unit uses the context of safe water supplies to introduce and develop the idea that many	The following pages of the BBC Bitesize website provide specific revision activities, quick tests and extended questions to help you with you



	<p>everyday substances are actually mixtures and that these mixtures can be separated, using a variety of techniques, to produce useful materials.</p>	<p>learning. <a href="http://www.bbc.co.uk/bitesize/ks3/science/chemical_material_behaviour/">http://www.bbc.co.uk/bitesize/ks3/science/chemical_material_behaviour/</a></p> <p>Various commercial revision guides are available from bookstores. Some example and website links are below <a href="https://www.cgpbooks.co.uk/Student/books_ks3_science">https://www.cgpbooks.co.uk/Student/books_ks3_science</a> <a href="http://letsrevision.com/parents/key-stage-three/">http://letsrevision.com/parents/key-stage-three/</a> <a href="http://www.collinseducation.com/Secondary/Science/Pages/Default.aspx">http://www.collinseducation.com/Secondary/Science/Pages/Default.aspx</a></p>
<p>Unit 8g All that glitters.</p>	<p>This unit uses the theme of the materials used in jewellery to revisit ideas about elements and compounds, and extends understanding by considering particles, equations, symbols and formulae. Through the theme, the unit deals with the differences between elements, compounds and mixtures, and considers the properties and uses of alloys. It also revises ideas about chemical reactions and the effect of heat on materials is considered in relation to physical and chemical changes.</p>	<p>The following pages of the BBC Bitesize website provide specific revision activities, quick tests and extended questions to help you with you learning. <a href="http://www.bbc.co.uk/bitesize/ks3/science/chemical_material_behaviour/">http://www.bbc.co.uk/bitesize/ks3/science/chemical_material_behaviour/</a></p> <p>Various commercial revision guides are available from bookstores. Some example and website links are below <a href="https://www.cgpbooks.co.uk/Student/books_ks3_science">https://www.cgpbooks.co.uk/Student/books_ks3_science</a> <a href="http://letsrevision.com/parents/key-stage-three/">http://letsrevision.com/parents/key-stage-three/</a> <a href="http://www.collinseducation.com/Secondary/Science/Pages/Default.aspx">http://www.collinseducation.com/Secondary/Science/Pages/Default.aspx</a></p>
<p>Unit 8h Explaining the Earth.</p>	<p>This unit examines the different types of rock and the processes which bring about their formation, leading to the idea of a rock cycle which operates within a huge geological timescale. It also looks at ways in which the formation of rocks has been explained in the past. The unit's context is finding out about the Earth to help to predict and to mitigate natural disasters such as volcanic eruptions and earthquakes.</p>	<p>The following pages of the BBC Bitesize website provide specific revision activities, quick tests and extended questions to help you with you learning. <a href="http://www.bbc.co.uk/bitesize/ks3/science/environment_earth_universe/">http://www.bbc.co.uk/bitesize/ks3/science/environment_earth_universe/</a></p> <p>Various commercial revision guides are available from bookstores. Some example and website links are below <a href="https://www.cgpbooks.co.uk/Student/books_ks3_science">https://www.cgpbooks.co.uk/Student/books_ks3_science</a> <a href="http://letsrevision.com/parents/key-stage-three/">http://letsrevision.com/parents/key-stage-three/</a> <a href="http://www.collinseducation.com/Secondary/Science/Pages/Default.aspx">http://www.collinseducation.com/Secondary/Science/Pages/Default.aspx</a></p>



Unit 8i Heat transfers.	This unit looks at heat transfers in the context of clothing, and how modern outdoor clothing allows people to be comfortable in a wide range of external temperatures.	<p>The following pages of the BBC Bitesize website provide specific revision activities, quick tests and extended questions to help you with your learning. <a href="http://www.bbc.co.uk/bitesize/ks3/science/energy_electricity_forces/">http://www.bbc.co.uk/bitesize/ks3/science/energy_electricity_forces/</a></p> <p>Various commercial revision guides are available from bookstores. Some example and website links are below <a href="https://www.cgpbooks.co.uk/Student/books_ks3_science">https://www.cgpbooks.co.uk/Student/books_ks3_science</a> <a href="http://lettsrevision.com/parents/key-stage-three/">http://lettsrevision.com/parents/key-stage-three/</a> <a href="http://www.collinseducation.com/Secondary/Science/Pages/Default.aspx">http://www.collinseducation.com/Secondary/Science/Pages/Default.aspx</a></p>
Unit 8j On the move.	This unit revises work from Year 7 on balanced forces, and looks at how drag forces can be reduced. It goes on to look at forces that are spread out over an area, magnetic and electromagnetic forces, and finally at levers. The work is set in the context of transport and how we use it.	<p>The following pages of the BBC Bitesize website provide specific revision activities, quick tests and extended questions to help you with your learning. <a href="http://www.bbc.co.uk/bitesize/ks3/science/energy_electricity_forces/">http://www.bbc.co.uk/bitesize/ks3/science/energy_electricity_forces/</a></p> <p>Various commercial revision guides are available from bookstores. Some example and website links are below <a href="https://www.cgpbooks.co.uk/Student/books_ks3_science">https://www.cgpbooks.co.uk/Student/books_ks3_science</a> <a href="http://lettsrevision.com/parents/key-stage-three/">http://lettsrevision.com/parents/key-stage-three/</a> <a href="http://www.collinseducation.com/Secondary/Science/Pages/Default.aspx">http://www.collinseducation.com/Secondary/Science/Pages/Default.aspx</a></p>
Unit 8k Light fantastic.	This unit revises work from KS2 on light, which is then extended to consider how light travels and what happens when it meets an object. The	The following pages of the BBC Bitesize website provide specific revision activities, quick tests and extended questions to help you with your learning.



	<p>work is set in the context of cameras and photography, and also considers how photography has contributed to scientific discoveries and how images are used in today's society.</p>	<p><a href="http://www.bbc.co.uk/bitesize/ks3/science/energy_electricity_forces/">http://www.bbc.co.uk/bitesize/ks3/science/energy_electricity_forces/</a></p> <p>Various commercial revision guides are available from bookstores. Some example and website links are below</p> <p><a href="https://www.cgpbooks.co.uk/Student/books_ks3_science">https://www.cgpbooks.co.uk/Student/books_ks3_science</a></p> <p><a href="http://lettsrevision.com/parents/key-stage-three/">http://lettsrevision.com/parents/key-stage-three/</a></p> <p><a href="http://www.collinseducation.com/Secondary/Science/Pages/Default.aspx">http://www.collinseducation.com/Secondary/Science/Pages/Default.aspx</a></p>
<p>Unit 8I Sound and hearing.</p>	<p>This unit considers pitch and frequency, the ear, differences between light and sound, and ultrasound. It focuses on how different animals use sound to communicate, navigate and hunt.</p>	<p>The following pages of the BBC Bitesize website provide specific revision activities, quick tests and extended questions to help you with you learning.</p> <p><a href="http://www.bbc.co.uk/bitesize/ks3/science/energy_electricity_forces/">http://www.bbc.co.uk/bitesize/ks3/science/energy_electricity_forces/</a></p> <p>Various commercial revision guides are available from bookstores. Some example and website links are below</p> <p><a href="https://www.cgpbooks.co.uk/Student/books_ks3_science">https://www.cgpbooks.co.uk/Student/books_ks3_science</a></p> <p><a href="http://lettsrevision.com/parents/key-stage-three/">http://lettsrevision.com/parents/key-stage-three/</a></p> <p><a href="http://www.collinseducation.com/Secondary/Science/Pages/Default.aspx">http://www.collinseducation.com/Secondary/Science/Pages/Default.aspx</a></p>