

Science

The areas of development are:	Solutions
<u>BIOLOGY</u>	
<ul style="list-style-type: none"> • Can identify the digestive systems, the respiratory system and the circulatory system 	<ul style="list-style-type: none"> • BBC Bitesize • Seneca Learning
<ul style="list-style-type: none"> • Understands the main food groups and analyse data from a table 	<ul style="list-style-type: none"> • BBC Bitesize • Seneca Learning
<ul style="list-style-type: none"> • Can label the key organs of the respiratory system and understand some of the adaptations in the respiratory system 	<ul style="list-style-type: none"> • BBC Bitesize • Seneca Learning
<ul style="list-style-type: none"> • Can understand the effects of exercise on systems within the body 	<ul style="list-style-type: none"> • BBC Bitesize • Seneca Learning
<ul style="list-style-type: none"> • Understands the main food groups and the different tests that can be carried out to identify different foods 	<ul style="list-style-type: none"> • BBC Bitesize • Seneca Learning
<ul style="list-style-type: none"> • Can label and describe the functions the main organs in the digestive system, the respiratory system and the circulatory 	<ul style="list-style-type: none"> • BBC Bitesize • BBC Bitesize • BBC Bitesize • Seneca Learning
<u>CHEMISTRY</u>	
<ul style="list-style-type: none"> • Identify apparatus required for various separation techniques 	<ul style="list-style-type: none"> • BBC Bitesize • Seneca Learning
<ul style="list-style-type: none"> • Can identify acids and alkali's using the PH scales 	<ul style="list-style-type: none"> • BBC Bitesize

	<ul style="list-style-type: none"> • Seneca Learning
<ul style="list-style-type: none"> • Can analyse results from a chromatogram 	<ul style="list-style-type: none"> • BBC Bitesize • Seneca Learning
<u>PHYSICS</u>	
<ul style="list-style-type: none"> • Identify the states of matter of a substance based on individual melting and boiling points 	<ul style="list-style-type: none"> • BBC Bitesize • Seneca Learning
<ul style="list-style-type: none"> • Can understand the direction of action of resultant forces 	<ul style="list-style-type: none"> • BBC Bitesize • Seneca Learning
<ul style="list-style-type: none"> • Understands what is meant by the term density and can write a scientific method to calculate the density of regular and irregular objects 	<ul style="list-style-type: none"> • BBC Bitesize • Seneca Learning
<u>SKILLS</u>	
<ul style="list-style-type: none"> • Can use data from a table to draw a line graph 	<ul style="list-style-type: none"> • BBC Bitesize • Seneca Learning
<ul style="list-style-type: none"> • Can draw a table 	<ul style="list-style-type: none"> • BBC Bitesize
<ul style="list-style-type: none"> • Can draw a bar chart 	<ul style="list-style-type: none"> • BBC Bitesize • Seneca Learning
<ul style="list-style-type: none"> • Can carry out a procedure safely 	<ul style="list-style-type: none"> • BBC Bitesize: Practical skills • Use revision guides to support your understanding of these topics • Complete practice questions which link to the topics covered in lessons and that will support ability in the progress tests
<ul style="list-style-type: none"> • Can identify variables 	<ul style="list-style-type: none"> • BBC Bitesize • BBC Bitesize: Practical skills • Use revision guides to support your understanding of these topics • Complete practice questions which link to the topics covered in lessons and that will support ability in the progress tests
<ul style="list-style-type: none"> • Can write a risk assessment 	<ul style="list-style-type: none"> • BBC Bitesize: Practical skills • Use revision guides to support your understanding of these topics

	<ul style="list-style-type: none"> • Complete practice questions which link to the topics covered in lessons and that will support ability in the progress tests
<ul style="list-style-type: none"> • Can write creatively about the organ systems 	<ul style="list-style-type: none"> • BBC Bitesize • Seneca Learning
<ul style="list-style-type: none"> • Has completed a successful write up about the density of an object 	<ul style="list-style-type: none"> • BBC Bitesize • Seneca Learning
<ul style="list-style-type: none"> • Can calculate the density of a regular object 	<ul style="list-style-type: none"> • BBC Bitesize • Seneca Learning
<ul style="list-style-type: none"> • Beginning to communicate subject-specific ideas in written tasks 	<ul style="list-style-type: none"> • Science Worksheet: Energy Stores and Transfers
<ul style="list-style-type: none"> • Beginning to write in full sentences 	<ul style="list-style-type: none"> • Science Worksheet: Energy Stores and Transfers
<ul style="list-style-type: none"> • Beginning to use a range of subject-specific vocabulary in written tasks 	<ul style="list-style-type: none"> • Science Worksheet: Energy Stores and Transfers
<ul style="list-style-type: none"> • Understanding simple subject-specific written information in English 	<ul style="list-style-type: none"> • Science Worksheet: Energy Stores and Transfers
<ul style="list-style-type: none"> • Recognising the purpose of a subject-specific piece of writing 	<ul style="list-style-type: none"> • Science Worksheet: Energy Stores and Transfers
<ul style="list-style-type: none"> • Identifying subject-specific key words in a text 	<ul style="list-style-type: none"> • Science Worksheet: Energy Stores and Transfers

[Return to Year 8 Solutions Homepage](#)