

Welcome to the Science Solutions. Please follow the links in the Solution section below to access the resources.

The areas of development are:	Solution
<b><u>BIOLOGY</u></b>	
<ul style="list-style-type: none"> <li>• Biology : How to demonstrate a knowledge of reproduction in a variety of species</li> </ul>	<ul style="list-style-type: none"> <li>• BBC Bitesize: <a href="#">Reproduction</a></li> <li>• BBC Bitesize: <a href="#">Human reproduction</a></li> <li>• use revision guides to support your understanding of these topics</li> <li>• complete practice questions which link to the topics covered in lessons and that will support ability in the progress tests</li> </ul>
<ul style="list-style-type: none"> <li>• Biology : How to describe the structures of a cell and explain their functions</li> </ul>	<ul style="list-style-type: none"> <li>• watch the video link: <a href="#">GCSE Science Revision - Cells</a></li> <li>• use revision guides to support your understanding of these topics</li> <li>• complete practice questions which link to the topics covered in lessons and that will support ability in the progress tests</li> </ul>
<ul style="list-style-type: none"> <li>• Biology : How to name specialised cells and explain their role</li> </ul>	<ul style="list-style-type: none"> <li>• watch the video link: <a href="#">Specialised Cells BBC19LS02</a></li> <li>• use revision guides to support your understanding of these topics</li> <li>• complete practice questions which link to the topics covered in lessons and that will support ability in the progress tests</li> </ul>
<ul style="list-style-type: none"> <li>• Biology : Describing the role of the digestive system and relating this to enzymes</li> </ul>	<ul style="list-style-type: none"> <li>• BBC Bitesize: <a href="#">Enzymes and digestion</a></li> <li>• watch the video link: <a href="#">GCSE Biology (9-1) The Digestive System</a></li> <li>• use revision guides to support your understanding of these topics</li> <li>• complete practice questions which link to the topics covered in lessons and that will support ability in the progress tests</li> </ul>
<ul style="list-style-type: none"> <li>• Biology : Describing how infection occurs and how the human body responds</li> </ul>	<ul style="list-style-type: none"> <li>• BBC Bitesize: <a href="#">Defending against infection, page 1</a></li> <li>• BBC Bitesize: <a href="#">Staying healthy</a></li> <li>• use revision guides to support your understanding of these topics</li> <li>• complete practice questions which link to the topics covered in lessons and that will support ability in the progress tests</li> </ul>

<ul style="list-style-type: none"> <li>Biology : Being able to explain how diseases can be transmitted and prevented</li> </ul>	<ul style="list-style-type: none"> <li>BBC Bitesize: <a href="#">Defending against infection, page 4</a></li> <li>BBC Bitesize: <a href="#">Infectious disease, page 2</a></li> <li>use revision guides to support your understanding of these topics</li> <li>complete practice questions which link to the topics covered in lessons and that will support ability in the progress tests</li> </ul>
<b>CHEMISTRY</b>	
<ul style="list-style-type: none"> <li>Chemistry : Identifying reactants and products in a displacement reaction</li> </ul>	<ul style="list-style-type: none"> <li>watch the video link: <a href="#">Creating copper - a displacement reaction demonstration</a></li> <li>use revision guides to support your understanding of these topics</li> <li>complete practice questions which link to the topics covered in lessons and that will support ability in the progress tests</li> </ul>
<ul style="list-style-type: none"> <li>Chemistry : Knowing different separation techniques and how they can be used</li> </ul>	<ul style="list-style-type: none"> <li>BBC Bitesize: <a href="#">Compounds and mixtures</a></li> <li>use revision guides to support your understanding of these topics</li> <li>complete practice questions which link to the topics covered in lessons and that will support ability in the progress tests</li> </ul>
<ul style="list-style-type: none"> <li>Chemistry : Understanding the periodic table and how to use it</li> </ul>	<ul style="list-style-type: none"> <li>watch the video link: <a href="#">GCSE BBC Science Bitesize - The Periodic Table</a></li> <li>use revision guides to support your understanding of these topics</li> <li>complete practice questions which link to the topics covered in lessons and that will support ability in the progress tests</li> </ul>
<ul style="list-style-type: none"> <li>Chemistry : Knowledge of how the properties of metals make them fit their purpose</li> </ul>	<ul style="list-style-type: none"> <li>watch the video link: <a href="#">GCSE BBC Bitesize - Properties of Materials</a></li> <li>use revision guides to support your understanding of these topics</li> <li>complete practice questions which link to the topics covered in lessons and that will support ability in the progress tests</li> </ul>
<ul style="list-style-type: none"> <li>Chemistry: Identifying elements and compounds involved in a chemical reaction</li> </ul>	<ul style="list-style-type: none"> <li>BBC Bitesize: <a href="#">Atoms, elements and compounds</a></li> <li>use revision guides to support your understanding of these topics</li> <li>complete practice questions which link to the topics covered in lessons and that will support ability in the progress tests</li> </ul>
<ul style="list-style-type: none"> <li>Chemistry: Analysing data on melting and boiling points to identify the state of a substance</li> </ul>	<ul style="list-style-type: none"> <li>Printable Worksheets: <a href="#">Melting and Boiling Point</a></li> <li>use revision guides to support your understanding of these topics</li> <li>complete practice questions which link to the topics covered in lessons and that will support ability in the progress tests</li> </ul>
<b>PHYSICS</b>	
<ul style="list-style-type: none"> <li>Physics : How magnets and electromagnets work and the materials that permanent magnets can be made from</li> </ul>	<ul style="list-style-type: none"> <li>BBC Bitesize: <a href="#">Electromagnetism and magnetism</a></li> <li>use revision guides to support your understanding of these topics</li> </ul>

	<ul style="list-style-type: none"> <li>complete practice questions which link to the topics covered in lessons and that will support ability in the progress tests</li> </ul>
<ul style="list-style-type: none"> <li>Physics: How to draw circuit symbols and how to analyse and draw series and parallel circuits</li> </ul>	<ul style="list-style-type: none"> <li>BBC Bitesize: <a href="#">Electric current and potential difference</a></li> <li>use revision guides to support your understanding of these topics</li> <li>complete practice questions which link to the topics covered in lessons and that will support ability in the progress tests</li> </ul>
<ul style="list-style-type: none"> <li>Physics: How magnets and coils of wire can be used to generate electricity</li> </ul>	<ul style="list-style-type: none"> <li>BBC Bitesize: <a href="#">How to generate electricity</a></li> <li>use revision guides to support your understanding of these topics</li> <li>complete practice questions which link to the topics covered in lessons and that will support ability in the progress tests</li> </ul>
<ul style="list-style-type: none"> <li>Physics: How energy may be carried by waves and that we can sense or detect the energy that they carry</li> </ul>	<ul style="list-style-type: none"> <li>BBC Bitesize: <a href="#">Waves</a></li> <li>use revision guides to support your understanding of these topics</li> <li>complete practice questions which link to the topics covered in lessons and that will support ability in the progress tests</li> </ul>
<ul style="list-style-type: none"> <li>Physics: How there are two different types of wave known as longitudinal and transverse and the way in which they carry their energy</li> </ul>	<ul style="list-style-type: none"> <li>BBC Bitesize: <a href="#">Waves</a></li> <li>use revision guides to support your understanding of these topics</li> <li>complete practice questions which link to the topics covered in lessons and that will support ability in the progress tests</li> </ul>
<ul style="list-style-type: none"> <li>Physics: How different types of wave travel at different speeds and that this speed can change when the same waves are travelling in different substances</li> </ul>	<ul style="list-style-type: none"> <li>BBC Bitesize: <a href="#">Waves</a></li> <li>use revision guides to support your understanding of these topics</li> <li>complete practice questions which link to the topics covered in lessons and that will support ability in the progress tests</li> </ul>
<b><u>SKILLS</u></b>	
<ul style="list-style-type: none"> <li>Skills : Identifying variables in experimental investigations</li> </ul>	<ul style="list-style-type: none"> <li>BBC Bitesize: <a href="#">Practical skills</a></li> <li>use revision guides to support your understanding of these topics</li> <li>complete practice questions which link to the topics covered in lessons and that will support ability in the progress tests</li> </ul>
<ul style="list-style-type: none"> <li>Skills : Identifying continuous and categoric data</li> </ul>	<ul style="list-style-type: none"> <li>BBC Bitesize: <a href="#">Representing data</a></li> <li>use revision guides to support your understanding of these topics</li> <li>complete practice questions which link to the topics covered in lessons and that will support ability in the progress tests</li> </ul>
<ul style="list-style-type: none"> <li>Skills : Drawing graphs and plotting data accurately</li> </ul>	<ul style="list-style-type: none"> <li>BBC Bitesize: <a href="#">Scatter diagrams</a></li> <li>use revision guides to support your understanding of these topics</li> </ul>

	<ul style="list-style-type: none"> <li>• complete practice questions which link to the topics covered in lessons and that will support ability in the progress tests</li> </ul>
<ul style="list-style-type: none"> <li>• Skills : Using the wave equation and recalling units</li> </ul>	<ul style="list-style-type: none"> <li>• BBC Bitesize: <a href="#">General properties of waves</a></li> <li>• use revision guides to support your understanding of these topics</li> <li>• complete practice questions which link to the topics covered in lessons and that will support ability in the progress tests</li> </ul>
<ul style="list-style-type: none"> <li>• Skills : Writing a scientific method from a practical investigation</li> </ul>	<ul style="list-style-type: none"> <li>• BBC Bitesize: <a href="#">Practical skills</a></li> <li>• use revision guides to support your understanding of these topics</li> <li>• complete practice questions which link to the topics covered in lessons and that will support ability in the progress tests</li> </ul>
<ul style="list-style-type: none"> <li>• Skills : Carrying out microbiology experiments using aseptic techniques</li> </ul>	<ul style="list-style-type: none"> <li>• BBC Bitesize: <a href="#">Defending against infection</a></li> <li>• use revision guides to support your understanding of these topics</li> <li>• complete practice questions which link to the topics covered in lessons and that will support ability in the progress tests</li> </ul>

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