

## Year 11 Science Easter Homework

<b>Biology</b>	<b>Chemistry</b>	<b>Physics</b>
<b>Paper 1:</b> <ul style="list-style-type: none"> <li>• Cell biology</li> <li>• Organisation</li> <li>• Infection and response</li> <li>• Photosynthesis</li> <li>• Respiration</li> </ul>	<b>Paper 1:</b> <ul style="list-style-type: none"> <li>• Atomic structure and the periodic table</li> <li>• Bonding, structure and the properties of matter</li> <li>• Quantitative chemistry</li> <li>• Chemical changes</li> <li>• Energy changes</li> </ul>	<b>Paper 1:</b> <ul style="list-style-type: none"> <li>• Energy</li> <li>• Electricity</li> <li>• Particle model of matter</li> <li>• Atomic structure</li> </ul>
<b>Paper 2:</b> <ul style="list-style-type: none"> <li>• Homeostasis and response</li> <li>• Inheritance, variation and evolution</li> <li>• Ecology</li> </ul>	<b>Paper 2:</b> <ul style="list-style-type: none"> <li>• The rate and extent of chemical change</li> <li>• Organic chemistry</li> <li>• Chemical analysis</li> <li>• Chemistry of the atmosphere</li> <li>• Using resources</li> </ul>	<b>Paper 2:</b> <ul style="list-style-type: none"> <li>• Forces</li> <li>• Waves</li> <li>• Magnetism and electromagnetism</li> <li>• <i>Space Physics (GCSE Physics only)</i></li> </ul>

### Key resources

<https://www.bbc.co.uk/bitesize/examspecs/z8r997h>

<https://www.youtube.com/@Freesciencelessons>

<https://www.physicsandmathstutor.com/>

### Revision plan

<b>Week</b>	<b>Biology</b>	<b>Chemistry</b>	<b>Physics</b>
<b>Week 1</b>	<u>Infection and response</u> <ol style="list-style-type: none"> <li>1) Make notes using <a href="#">this</a></li> <li>2) Create 2 flashcards summarising the information</li> <li>3) Select one exam question to attempt <a href="#">here</a></li> <li>4) Check your answers <a href="#">here</a></li> </ol>	<u>Atomic structure and the periodic table</u> <ol style="list-style-type: none"> <li>1) Make notes using <a href="#">this</a></li> <li>2) Create 2 flashcards summarising the information</li> <li>3) Select one exam question to attempt <a href="#">here</a></li> <li>4) Check your answers <a href="#">here</a></li> </ol>	<u>Particle model of matter</u> <ol style="list-style-type: none"> <li>1) Make notes using <a href="#">this</a></li> <li>2) Create 2 flashcards summarising the information</li> <li>3) Select one exam question to attempt <a href="#">here</a></li> <li>4) Check your answers <a href="#">here</a></li> </ol>
<b>Week 2</b>	<u>Bioenergetics</u> <ol style="list-style-type: none"> <li>1. Make notes using <a href="#">this</a></li> <li>2. Create 2 flashcards summarising the information</li> <li>3. Select one exam question to attempt <a href="#">here</a></li> <li>4. Check your answers <a href="#">here</a></li> </ol>	<u>Chemical changes</u> <ol style="list-style-type: none"> <li>1. Make notes using <a href="#">this</a></li> <li>2. Create 2 flashcards summarising the information</li> <li>3. Select one exam question to attempt <a href="#">here</a></li> <li>4. Check your answers <a href="#">here</a></li> </ol>	<u>Radiation</u> <ol style="list-style-type: none"> <li>1. Make notes using <a href="#">this</a></li> <li>2. Create 2 flashcards summarising the information</li> <li>3. Select one exam question to attempt <a href="#">here</a></li> <li>4. Check your answers <a href="#">here</a></li> </ol>