



### **What is Parkside aiming to achieve through its Science curriculum?**

- to deliver inspirational science teaching so that students become aspirational learners who not only gain science knowledge but develop lifelong skills and values.

# Parkside School Subject Curriculum Plan

## Subject: Science - KS4

Year	Half Term 1	Half Term 2	Half Term 3	Half Term 4	Half Term 5	Half Term 6
10 Combined science (Trilogy)	<ul style="list-style-type: none"> <li><a href="#">Energy / Cells</a></li> </ul>	<ul style="list-style-type: none"> <li><a href="#">Atomic structure / Organisation</a></li> </ul>	<ul style="list-style-type: none"> <li><a href="#">Bonding / Electricity / Particle model of matter / Quantitative chemistry</a></li> </ul>	<ul style="list-style-type: none"> <li><a href="#">Chemical changes / Infection and response</a></li> </ul>	<ul style="list-style-type: none"> <li><a href="#">Rates of chemical change / Ecology</a></li> </ul>	<ul style="list-style-type: none"> <li><a href="#">End of year assessments / revision / How science works</a></li> </ul>
10 Biology	<ul style="list-style-type: none"> <li><a href="#">Cells</a></li> </ul>	<ul style="list-style-type: none"> <li><a href="#">Organisation</a></li> </ul>	<ul style="list-style-type: none"> <li><a href="#">Infection and response</a></li> </ul>	<ul style="list-style-type: none"> <li><a href="#">Infection and response / Ecology</a></li> </ul>	<ul style="list-style-type: none"> <li><a href="#">Ecology</a></li> </ul>	<ul style="list-style-type: none"> <li><a href="#">End of year assessments / How science works</a></li> </ul>
10 Chemistry	<ul style="list-style-type: none"> <li><a href="#">Atomic Structure</a></li> </ul>	<ul style="list-style-type: none"> <li><a href="#">Bonding</a></li> </ul>	<ul style="list-style-type: none"> <li><a href="#">Quantitative Chemistry &amp; energy changes</a></li> </ul>	<ul style="list-style-type: none"> <li><a href="#">Energy Changes</a></li> </ul>	<ul style="list-style-type: none"> <li><a href="#">Rate of Reaction</a></li> </ul>	<ul style="list-style-type: none"> <li><a href="#">End of year assessments / How science works</a></li> </ul>
10 Physics	<ul style="list-style-type: none"> <li><a href="#">Energy</a></li> </ul>	<ul style="list-style-type: none"> <li><a href="#">Electricity</a></li> </ul>	<ul style="list-style-type: none"> <li><a href="#">Electricity</a></li> </ul>	<ul style="list-style-type: none"> <li><a href="#">Particle model of matter</a></li> </ul>	<ul style="list-style-type: none"> <li><a href="#">Atoms and nuclear radiation</a></li> </ul>	<ul style="list-style-type: none"> <li><a href="#">End of year assessments / How science works</a></li> </ul>
11 Trilogy	<ul style="list-style-type: none"> <li><a href="#">Forces / Inheritance, variation and evolution</a></li> </ul>	<ul style="list-style-type: none"> <li><a href="#">Chemical analysis / organic chemistry</a></li> </ul>	<ul style="list-style-type: none"> <li><a href="#">Chemical Analysis / waves / Inheritance / Homeostasis</a></li> </ul>	<ul style="list-style-type: none"> <li><a href="#">Atmosphere / Magnetism / Using Resources</a></li> </ul>	<ul style="list-style-type: none"> <li><a href="#">Bioenergetics / Revision</a></li> </ul>	
11 Biology	<ul style="list-style-type: none"> <li><a href="#">Homeostasis</a></li> </ul>	<ul style="list-style-type: none"> <li><a href="#">Inheritance &amp; Variation</a></li> </ul>	<ul style="list-style-type: none"> <li><a href="#">Inheritance &amp; Variation</a></li> </ul>	<ul style="list-style-type: none"> <li><a href="#">Bioenergetics</a></li> </ul>	<ul style="list-style-type: none"> <li><a href="#">Revision</a></li> </ul>	
11 Chemistry	<ul style="list-style-type: none"> <li><a href="#">Organic chemistry</a></li> </ul>	<ul style="list-style-type: none"> <li><a href="#">Chemical Analysis</a></li> </ul>	<ul style="list-style-type: none"> <li><a href="#">Chemistry of the atmosphere</a></li> </ul>	<ul style="list-style-type: none"> <li><a href="#">Using resources</a></li> </ul>	<ul style="list-style-type: none"> <li><a href="#">Revision</a></li> </ul>	
11 Physics	<ul style="list-style-type: none"> <li><a href="#">Forces</a></li> </ul>	<ul style="list-style-type: none"> <li><a href="#">Waves</a></li> </ul>	<ul style="list-style-type: none"> <li><a href="#">Magnetism</a></li> </ul>	<ul style="list-style-type: none"> <li><a href="#">Space</a></li> </ul>	<ul style="list-style-type: none"> <li><a href="#">Revision</a></li> </ul>	