

## Science Curricular/Extra Curricular Enrichment Programme 2024-2025

The curricular enrichment programme at All Hallows Catholic College is designed to complement the academic curriculum, ignite a spark, encourage students to try something new and extend their aspirations and interests beyond the classroom. These opportunities help form students spiritually, socially and emotionally so they can grow in maturity and self-confidence.

Termly Activities	Activity	Target Group	Student Development	Student Take up
Term 1	Physics A2 Challenge	KS5	<ul style="list-style-type: none"> <li>• A Challenge set by Oxford University.</li> <li>• Stretches the more able with very advanced problems</li> </ul>	
	Physics Olympiad	KS5	<ul style="list-style-type: none"> <li>• Challenge set by Oxford University</li> <li>• Problem solving skills</li> <li>• Chance to represent UK in International Physics Competition if score high enough</li> </ul>	
	Space Masterclass	KS5	<ul style="list-style-type: none"> <li>• Masterclass run by NASA on Space and the Universe</li> </ul>	
	Cross Curricula Trip with Geography	Yr 7	<ul style="list-style-type: none"> <li>• Trip to Manchester Airport to study environmental issues</li> </ul>	
Term 2	Physics Senior Challenge	Year 12	<ul style="list-style-type: none"> <li>• A Challenge set by Oxford University. Students can achieve Bronze, Silver, Gold Certificates</li> <li>• Top students go to Masterclass at Oxford University</li> </ul>	
	Biology Challenge (KS4)	Year 10	<ul style="list-style-type: none"> <li>• Aimed to stretch the knowledge of Biology concepts covered in the GCSE curriculum</li> </ul>	

			<ul style="list-style-type: none"> <li>• Students can achieve Bronze, Silver, Gold Certificates</li> <li>• Organised by the Royal Society of Biology</li> <li>• Top scoring students may be offered the opportunity to attend an award ceremony in London.</li> </ul>	
	Biology		<ul style="list-style-type: none"> <li>• Educational Trip to Valencia to study Biodiversity</li> </ul>	
	Chemistry		<ul style="list-style-type: none"> <li>• Challenge set by Royal Society of Chemistry</li> <li>• Problem solving skills</li> <li>• Chance to represent UK in International Chemistry Competition if score high enough</li> </ul>	
Term 3	Intermediate Biology Olympiad	Year 12	<ul style="list-style-type: none"> <li>• Organised by the Royal Society of Biology</li> <li>• Tests students' biology knowledge and encourages them to continue studying the biosciences beyond school</li> <li>• Top scoring students may be offered the opportunity to attend an award ceremony in London.</li> </ul>	
	River Field Work	Year 12	<ul style="list-style-type: none"> <li>• Carry out fieldwork River Boll</li> <li>• Work in a team</li> </ul>	
<b>Weekly Activities</b>				
B6 Red Week Tuesday Lunch 1 and 2	Science Club	Year 7/8/9	<ul style="list-style-type: none"> <li>• Fun, engaging practicals</li> </ul>	
Monday 3:15 – 4pm Every Week	Yr 11 Revision/Exam Practise	Yr 11	<ul style="list-style-type: none"> <li>• Year 11 pupils practice exam style questions with help</li> </ul>	

