

# Woodlands Academy Key Stage 4 Curriculum

YEAR 2021-22

Subjects	AUTUMN A	AUTUMN B	SPRING A	SPRING B	SUMMER A	SUMMER B
<b>English</b>  <b>GCSE</b> <b>Edexcel</b> <b>Literacy</b> <b>Language</b>	Writing Reading Oracy  Books: Animal Farm	Writing Reading Oracy  Books: the Strange case of Dr Jekyll and Mr Hyde	Writing Reading Oracy Drama  Books: An Inspector Calls	Writing Reading Oracy Drama  Books: Macbeth	Writing Reading Oracy  Books: poetry and non-fiction	Writing Reading Oracy  Functional literacy
<b>Maths</b>  <b>GCSE</b> <b>OCR</b>	Whole numbers and calculations Fractions decimals and percent Designing a bedroom on a budget Managing their own money.	Shapes and solids Units and measures Using utility bills Organising a Christmas dinner	Probability Multiples Algebra Symmetry and transformations Planning a meal	Estimation and approximation Perimeter and area Ratio and proportion Time Budgeting	Indices and surds Lists and outcomes Volume Scales and graphs Multiples Money and life skills	Statistics Averages and trends Congruence and similarity Position and direction Jobs in maths
<b>Science</b>  <b>GCSE</b> <b>AQA Double Award</b> <b>Combined Science</b> <b>Trilogy</b>	Cell biology, movement of substances into and out of cells. Atomic structure, groups and trends on the periodic table.	Separation techniques. Energy transfers and resources	Organisation, tissues, organs and organ systems Health and disease Bonding structure and properties of matter	Forces Quantitative chemistry Atomic structure	Enzymes and digestion Infection and response Chemical changes	Homeostasis and response Bioenergetics Respiration Particle model of matter

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<b>PE</b>	<p><b><u>OAA</u></b> Participate in outdoor activities and Team building challenges individually and as part of a team. Make decisions with support and independently</p>	<p><b><u>NET/WALL GAMES</u></b> _Know, understand and apply how to throw underarm/ overarm and catch high balls, low balls, mid height balls in isolation, in combination and independently</p>	<p><b><u>Invasion Games</u></b> Know and understand basic principles of competitive invasion, striking and net/ wall games and apply attacking and defending tactics with some independence</p>	<p><b><u>Athletics</u></b> Know understand and apply running techniques including pace, change of speed, change of direction in isolation, in combination and independently</p>	<p><b><u>Striking and Fielding</u></b> Know, understand and apply how to throw underarm/ overarm and catch high balls, low balls, mid height balls in isolation, in combination and independently</p>	<p><b><u>Athletics</u></b> Know understand and apply running techniques including pace, change of speed, change of direction in isolation, in combination and independently</p>
<b>PSHE Jigsaw</b>	<p>Changing Me Career choices Alcohol education Drug education Social media</p>		<p>Celebrating difference Teamwork Getting along Self-confidence Online safety</p>		<p>Relationships Gender and sexual identity Managing change and decision making Changing society and me</p>	
<b>Film Studies GCSE WJEC</b>	<p>Independent Film Non-English Language Films Global Films.</p>		<p>Studying mainstream United States Film. Creating short films.</p>		<p>Recap and revision of Global Film, Independent Film and British Film</p>	
<b>History</b>			<p>Understanding History</p>		<p>Industrial revolution Digital revolution</p>	

<b>Careers</b>	Understanding yourself Learn how to build a career plan Understand the range of pathways Career choices	Employability skills Work and wages Labour market and employment trends	CV and interview preparation Job searching Understand the skills they need for life and work What is work like?
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<b>Options</b>	<b>All Key Stage 4 pupils choose one option from the list below on Tuesday and Thursday afternoons</b>
<b>Bike mechanics</b>  <b>City and Guilds Level 1</b>	<p>Working on a 4-week cycle.</p> <p>Week 1 – Exploring the local area by bike. Travelling through nature reserves and country parks by bike.</p> <p>Week 2 – Working on bikes in school. Revisiting content previously learnt at Bike Works.</p> <p>Week 3 - Exploring the local area by bike. Travelling through nature reserves and country parks by bike.</p> <p>Week 4 – Bike Mechanics at Nottingham Bike Works. The course will include:</p> <ul style="list-style-type: none"> <li>• Workshop induction, health &amp; safety, tyres tubes and punctures</li> <li>• Brakes: remove, replace &amp; configure V-brakes, Cantilever and Dual Pivot rim brake assemblies. Introduction to cable and hydraulic disc brakes</li> <li>• Gears: remove, replace &amp; configure derailleurs, chain, cassette/freewheel, chain set, cables and shifters</li> <li>• Hub bearings: remove, replace &amp; service loose and cartridge bearings</li> <li>• Bottom brackets (adjustable, cartridge &amp; external); cranks; facing bottom brackets</li> <li>• Headset assembly &amp; servicing; facing &amp; reaming the headtube</li> <li>• Wheel Building (Part 1: theory and practice)</li> <li>• Wheel Building (Part 2: build and assessment)</li> <li>• Accessory fitting &amp; systematic bike check</li> <li>• Full bike re-build &amp; final assessments</li> </ul>

<b>Adventuring</b>	<p>Travel experience on public transport          Using street maps for directions          Learning bus routes          Learning how to use a bus independently          Visiting places of interest : City of Caves, Christmas market          Visiting Clip N Climb          Hiking expeditions          Survival skills including building shelters, campfires and making survival equipment.</p>		
<b>Arts Awards- Bronze</b>	<p>Bronze Arts Awards– accredited by Trinity college London. Arts awards is split into 4 units:</p> <ul style="list-style-type: none"> <li>• take part- take part in an arts activity, learn a new skill.</li> <li>• Be the audience- be the audience in arts related performance and review.</li> <li>• Arts inspiration- research an artist that inspires them.</li> <li>• Sharing arts skills- share an art skill with another person or group.</li> </ul>		
<b>Home Cooking Skills</b>  <b>BTEC Level 2</b>	<p>Pupils will learn and improve their cooking skills by following recipes to cook various dishes. They will be given opportunities to visit different shops to buy and compare produce and also visit a restaurant to learn more about how they operate. Pupils will develop: the knowledge, understanding and confidence to cook meals at home, an understanding of how to economise when planning meals to cook at home, an ability to transfer skills learned to different recipes, the ability to continue cooking for themselves and inspire others by passing on that knowledge.</p> <p>Objectives:</p> <p>1.1 Plan a nutritious two-course meal          2.1 Select and prepare ingredients for recipes for a nutritious, two-course meal          2.2 Use cooking skills when following the recipes          2.3 Demonstrate food safety and hygiene throughout the preparation and cooking process          2.4 Apply presentation skills when serving the meal          3.1 Explain ways to economise when cooking at home          4.1 Identify ways information about cooking meals at home from scratch has been passed on to others</p>		
<b>Personal Development</b>	<b>Pupils choose a personal development lesson on Monday, Wednesday and Friday afternoons</b>		
	<b>Monday</b>  Football Wow Science CoJo Inventing	<b>Wednesday</b>  Fitness Wow Science Drama	<b>Friday</b>  Table Tennis Karate Film Club