

# Woodlands Academy Key Stage 2 Curriculum

YEAR 2017-2018

Subjects	AUTUMN A	AUTUMN B	SPRING A	SPRING B	SUMMER A	SUMMER B
<b>English</b>	<p>Goodnight Mr.Tom</p> <p>Diaries</p> <p>Newspapers</p> <p>Character work.</p> <p>Goose far descriptions.</p>	<p>Minecraft/gaming</p> <p>Literacy</p> <p>Creating characters</p> <p>Narrative</p>	<p>Creative writing– The literacy shed</p> <p>Narrative</p>	<p>Non– fiction writing</p> <p>Recounts</p> <p>Persuasive writing</p>	<p>Bills New Frock</p> <p>Reviews</p> <p>Retelling</p> <p>comprehension</p>	<p>Poetry</p>
<b>Maths</b>	<p>Number and place value</p> <p>Calculation (addition and subtraction)</p> <p>Statistics</p> <p>Measurement</p>	<p>Geometry</p> <p>Number and place value</p> <p>Calculation – multiplication and division</p> <p>Calculation – division</p> <p>Number – fractions</p> <p>Measurement</p>	<p>Number</p> <p>Calculation (addition and subtraction)</p> <p>Geometry</p> <p>Measurement</p> <p>Statistics</p>	<p>Number and place value</p> <p>Calculation – multiplication and division</p> <p>Measurement</p> <p>Number – fractions</p>	<p>Number</p> <p>Calculation (addition and subtraction)</p> <p>Measurement</p>	<p>Number</p> <p>Calculation (multiplication and division)</p> <p>Number</p> <p>Geometry</p> <p>Measurement</p>
<b>Science</b>	<p>Describe the life process of reproduction in some plants and animals.</p>	<p>Construct a simple series electrical circuit, identifying and naming its basic parts, including cells, wires, bulbs, switches and buzzers.</p>	<p>Find patterns between the pitch of a sound and features of the object that produced it .</p> <p>Find patterns between the volume of a sound and the strength of the vibrations that produced it.</p>	<p>Identify the effects of air resistance, water resistance and friction, that act between moving surfaces .</p> <p>Recognise that some mechanisms, including levers, pulleys and gears, allow a smaller force to have</p>	<p>Describe the movement of the Earth, and other planets, relative to the Sun in the solar system.</p> <p>Use the idea of the Earth’s rotation to explain day and night and the apparent movement of the sun across the sky.</p>	<p>compare and group together everyday materials on the basis of their properties, including their hardness, solubility, transparency, conductivity (electrical and thermal), and response to magnets</p>

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<b>History</b>	Origins of WW2. The Blitz.	Evacuation (link to Goodnight Mr Tom in literacy). Air raid shelters (link to art).	Julius Caesar's attempted invasion in 55-54 BC  the Roman Empire by AD 42 and the power of its army  Invasion of Britain and resistance by Boudicca.	successful invasion by Claudius and conquest, including Hadrian's Wall  'Romanisation' of Britain: sites such as Caerwent and the impact of technology, culture and beliefs, including early Christianity	A depth study linked to the Normans. A study over time tracing how several aspects of national history are reflected in the locality.	A study of an aspect of history or a site dating from a period beyond 1066 that is significant in the locality (Nottingham Castle).
<b>Geography</b>	Locate the world's countries, using maps to focus on Europe (including the location of Russia) and North and South America, concentrating on their environmental regions, key physical and human characteristics, countries, and major cities.	Name and locate counties and cities of the United Kingdom, geographical regions and their identifying human and physical characteristics, key topographical features (including hills, mountains, coasts and rivers), and land-use patterns; and understand how some of these aspects have changed over time.	Understand geographical similarities and differences through the study of human and physical geography of a region of the United Kingdom, a region in a European country, and a region within North or South America	Describe and understand key aspects of physical geography, including: climate zones, biomes and vegetation belts, rivers, mountains, volcanoes and earthquakes, and the water cycle.	Use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied.	Use the eight points of a compass, four and six-figure grid references, symbols and key (including the use of Ordnance Survey maps) to build their knowledge of the United Kingdom and the wider world.

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<b>Art and Music</b>	Aboriginal Art: Dot painting  Halloween: Coloured pencils	Bonfire Night: Chalks  Christmas Carols: Group singing	Winter: Charcoal/Clay modelling  World Music: Rhythm/ Timing	Spring: Card/Collage  Instruments in the Orchestra: Instrument families	Abstract Art: Pencil/ Paint  Peter and the Wolf/ The Sorcerer's Apprentice: Story telling	Surrealism: Felt tip pens  Musicals: Story telling through songs
<b>PE</b>	<ul style="list-style-type: none"> <li>• Coordination and motor skills</li> <li>• gymnastics</li> </ul>	<ul style="list-style-type: none"> <li>• Invasion games</li> <li>• Coordination and motor skills</li> </ul>	<ul style="list-style-type: none"> <li>• Indoor games</li> <li>• Ball skills</li> <li>• Balance and movement</li> </ul>	<ul style="list-style-type: none"> <li>• Introductory striking and fielding games</li> <li>• Racket games</li> <li>• Health and fitness</li> </ul>	<ul style="list-style-type: none"> <li>• Striking and fielding games</li> <li>• Throwing and catching</li> <li>• Summer games</li> </ul>	<ul style="list-style-type: none"> <li>• Athletics</li> <li>• Rounders</li> <li>• cricket</li> </ul>
<b>ICT</b>	<p>Predicting what will happen – talking through an algorithm.</p> <p>Flashcards for algorithms 'getting up and going to school' algorithm.</p> <p>Algorithms created for favourite pop songs,</p> <p>'Jam sandwich' - clear, concise and precise instruction 'algorithms – children given language to</p>	<p>select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information</p>	<p>instruction 'algorithms – children given language to choose from</p> <p>Debugging (fixing) problems.</p>	<p>How to search for information,</p> <p>How the searched information is sorted,</p> <p>How to find a specific picture,</p> <p>What the numbers mean on a picture (picture resolution/ size).</p> <p>Texts boxes,</p> <p>Clip art,</p> <p>Formatting,</p> <p>Changing text types; fonts and sizes.</p>	<p>Exploring the internet, refining searches.</p> <p>Coding programmes with increasing complexity (including 'if, when' statements).</p>	<p>Exploring the internet, refining searches.</p> <p>Coding programmes with increasing complexity (including 'if, when' statements).</p>

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DT						
FT						