



WILLOW TREE ACADEMY CURRICULUM OVERVIEW: 2021-2022



Year Group	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6	
Year 3	<p>Topic: From Farm to Fork Visit: Cannon hall farm Nemesis: https://education.nfuonline.com/stemterprise/ https://www.farmvention.com/ https://www.rethinkfood.co.uk/ Text: Charlotte's Web Genres: Descriptive writing, instructions, explanations, diaries, formal letters STEM - Pneumatic Fox head and moveable scarecrow Science - Rocks and Soil/</p>		<p>Topic: Made in South Yorkshire Visit: Sheffield Hallam uni/ Magna Nemesis: The future of Sheffield film/past/Men in Sheds Links to isolated people community centres/ British heart foundation Text: Meet me by the Steelmen Genres: Stories with different setting, poetry, narrative - fantasy STEM - Made in South Yorkshire Science - Forces and magnets</p>			<p>Topic: Victorians making History Visit: Residential Hathersage- Abbeydale Nemesis: Across academy Victorian day Great Inventions Exhibition (Home Learning / Family Learning) Text: Street Child /Lottie Project Genres: Story with a historical setting, instructions, explanation text STEM - Peg Dolls Toy making Science - Great inventions /first flight/telephone /electric light Human Body</p>	
Educational Visits							
Year Group	Autumn Term		Spring Term		Summer Term		
Y3	Cannon Hall Farm		Magna		Hathersage residential		

	Autumn 1	Autumn 2	Spring 1 6 wks	Spring 2 5 wks	Summer 1	Summer 2
Topic	From Farm to Fork Where does our food come from?		Made in South Yorkshire How has industry influenced the future?		Victorians making History What have the Victorians done for us?	

Visits and visitors	Cannon Hall Farm Farmer visitor Virtual farm tours - Science week		Magna Steel worker		Hathersage Residential Abbeydale Industrial Hamlet Victorian Day	
Class text	Charlotte's Web		Meet me by the Steelmen Forged in Steel		Street Child	
IRE	Barn linked to Charlotte's Web Moving on as the story develops and changes		Meadowhall shopping centre - statues. Moving on to steelworks as story develops		Victorian Street - moving on to incorporate features of a workhouse then coal barge	
Literacy	Character description Diary Entry Explanation - Farm to Fork process	Historical report Poetry Newspaper Comparison	Diary Entry Newspaper recount Non Chron report	Scientific Report Explanation	2 week-Character Description 2 week-Diary Perspective of Lottie/ Street Child 2 Week- T4W- Explanation Text Assessment week	2 week-Non chronological report 2 week-Instructions Playground games/ Thaumatrope 1 week- Poetry Nursery Rhymes etc.
Literacy cross curricular	See additional planning					
Numeracy cross curricular See White Rose	Place Value Addition Subtraction	Multiplication Division	Fractions	Geometry - Shape Measurement - Length	Measurement - Mass Measurement - Time	Measurement - Money Statistics

<p>Science</p>	<p>Compare and group together different kinds of rocks on the basis of their appearance and simple physical properties</p> <p>Describe in simple terms how fossils are formed when things that have lived are trapped within rock</p> <p>Recognise that soils are made from rocks and organic matter</p>	<p>Identify and describe the functions of different parts of flowering plants: roots, stem/trunk, leaves and flowers</p> <p>Explore the requirements of plants for life and growth (air, light, water, nutrients from soil, and room to grow) and how they vary from plant to plant</p> <p>Investigate the way in which water is transported within plants</p> <p>Explore the part that flowers play in the life cycle of flowering plants, including pollination, seed formation and seed dispersal</p>	<p>Forces and Magnets</p> <p>Investigate magnets as a non contact force.</p> <p>Investigate how magnetic forces are affected</p> <p style="text-align: center;">Light and Shadows</p> <p>Outside activities Measuring shadows</p>	<p>Animals (including humans)</p> <p>-Identify that animals, including humans, need the right types and amount of nutrition, and that they cannot make their own food; they get nutrition from what they eat</p> <p>-Identify that humans and some other animals have skeletons and muscles for support, protection and movement</p>	<p>Recap rocks (fossils) - Victorian link Mary Anning</p>	
<p>Computing</p>	<p>E-Safety</p> <p>Digital Literacy</p> <p>Comic Life Purple Mash</p>	<p>Computer Science</p> <p>flowol Purple Mash Scratch</p> <p>Research</p>	<p>E-Safety update</p> <p>Digital Literacy</p> <p>I Can Animate iMovie Clips</p>	<p>Data & Data Representation</p> <p>Spreadsheets Databases</p>	<p>E-Safety update</p> <p>Digital Literacy</p> <p>Email Book Creator</p>	<p>Computer Science</p> <p>Sketchup</p>

	Thinking before sending	Storyboarding 3D printing - Spider's web			Topic Links: Media - make film of the History of Sheffield as part of WOSCARS entries	
History			History of Sheffield Steelworks Timeline with past/present/future *linked to Art and Photography* https://www.tes.com/teaching-resource/a-history-of-sheffield-6317284		History of Queen Victoria Life as a Victorian Poor and Rich Children's toys	
Geography	Describe and understand key aspects of physical geography including key topographical features (inc hills, mountains, coasts, rivers) and land patterns Describe features studied using geographical vocabulary Identify local land used for farming Explain key topographical areas using an atlas Compare food produced from farming Map from an aerial view Apply our knowledge of a local area to create a map Create a key for a map		Physical Geography - Around the World Continents Map Work			
R E	Autumn Investigation focus: What makes Jesus inspirational for some people? To consider that we are all inspired by someone at some point		Spring Investigation focus: What is it like to be a Hindu?		Summer Investigation focus: How and why do some people find peace and strength by belonging to a religious faith? (church, mosque)	

	Investigate what made Jesus a leader Understand where and how Christians worship Christingle - what is the Christingle			Visit to a church Virtual mosque
PE	Get Set 4 PE Football	Get Set 4 PE	Get Set 4 PE	Get Set 4 PE Get Set 4 PE Rounders
Art	Sketching skills - pencil techniques Carousel of activities Observational drawing Weaving Printing Sewing		Pete McKee - Artist study Impressionism Observational drawings - working on pencil techniques and shading to create shadow (steel objects e.g. forks) Graffiti	Felt Sewing - workhouse Weaving Fabric work e.g. batik, tie dye Clay Pots William Morris - Artist Study
DT	Fruits tasting - supermarket visit? Plan and cost a fruit salad In season fruits - link back to Geog	Make, prepare and sell a fruit salad	DT Day Constructing moving robots - pneumatics/hydraulics etc.	Making Victorian Toys Peg Dolls Thaumatrope Cup and ball
Nemesis				
PSHE	What makes a good friend? Making and maintaining friendships Knowing choices have consequences How to show respect? ¹ Role play/ problem solving	Staying safe - community, internet, fire safety (linked to Bonfire night - get the fire service in)	Healthy lunchboxes Understand a balanced diet (links to Science SoW) Food groups Purple Mash	Sun safety Keeping safe in the community Stranger Danger Why do people need drugs? (medical)

	Ring of choice					
Music	<u>Ukulele</u>		Glockenspiel			
MFL	Language nut - french greetings Language nut - french fruits - link to DT		Classroom instructions		Parts of the body	Months of the Year (make a calendar) Days of the week Times of the day

