

Lime Tree Farm - Curriculum Areas

Curriculum area	Visiting possibilities/Activity area	Pre-visit possibilities	Post-visit possibilities
Science	<p>Feeding relationships - foodchains.</p> <p>Variation and classification - pond dipping minibeast/invertebrates.</p> <p>Identification skills - pond dipping, mini-beast/invertebrates.</p> <p>Observation skills, recording information – hedgerow, meadow surveying.</p> <p>Periodic Changes - position of the sun etc. Stone circle.</p>	<p>Parts of a flower.</p> <p>Plant growth and nutrition.</p> <p>Variation and classification.</p>	<p>Parts of a flower.</p> <p>Plant growth and nutrition.</p>
Geography	<p>Explaining why places are like they are, historical development - walk around farm, roundhouse.</p> <p>Managing environments sustainably 'how and why' - walk around farm, land use.</p>	<p>Using maps, plans and aerial photographs, handling data - use resources in pack.</p> <p>How places fit into a bigger area/region - use resources/information in pack.</p>	<p>Using maps, plans and aerial photographs, handling data – use resources in pack.</p>
Art & Design	<p>Investigating and making art and crafts - roundhouse activities.</p> <p>Roles and purposes of crafts people working in different times - roundhouse activities.</p> <p>Using different materials - roundhouse activities.</p>	<p>Roles and purposes of craftspeople working in different time periods.</p>	<p>Roles and purposes of craftspeople working in different time periods.</p> <p>- model of settlement using pack could extend to compare to Roman villas.</p>
ICT		<p>Interactive whiteboard - use web downloads for pack.</p> <p>Finding information - use of history sites etc. highlighted in the pack.</p>	<p>Interactive whiteboard - use web downloads for pack.</p> <p>Finding information - use of history sites etc. highlighted in the pack.</p>
Maths	<p>Collecting data - survey work.</p> <p>Counting</p> <p>Data handling - survey work.</p>		<p>Interpreting data - use survey results, graphs, bar charts etc.</p>
English	<p>Listening skills.</p> <p>Inspiring stories, poetry.</p>		<p>Drama - use info in pack Roman invasion etc.</p> <p>Composition - Inspiring stories, poetry.</p>

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PSHE	<p>Caring for the environment - inc. recycling. Why rules and laws are made - AONB protection of the landscape, protected species e.g. badgers.</p> <p>People living in different places.</p>		
History	<p>Chronological understanding - stone circle and roundhouse.</p> <p>Understanding events and changes in the past - roundhouse.</p>		<p>Chronological understanding/ local history study - <i>Nidderdale AONB through time</i> - Ice Age (e.g. Brimham rocks, Nidderdale valley and Scar House reservoir), Neolithic to Romans (Lime Tree Farm and others), Middle Ages (Fountains Abbey, Tree Trail) Modern times Georgian, Victorian etc (Nidderdale Museum).</p> <p>British history - Romans etc.</p>

Eagle Hall - Curriculum Areas

Curriculum Area	Visiting possibilities/Activity area	Pre-visit possibilities	Post-visit possibilities
Science	<p>Feeding relationships - food chains.</p> <p>Variation and classification - pond dipping minibeast/invertebrates.</p> <p>Identification skills - pond dipping, mini-beast/invertebrates.</p> <p>Observation skills, recording information - tree identification.</p> <p>Understanding processes - how a tree works.</p>		<p>Plant growth and nutrition.</p> <p>How a tree works.</p> <p>Food chains.</p> <p>Forces – gravity moving water cascades etc.</p> <p>Changing energies - water movement to electricity (hydro power - sustainable energy).</p>
Geography	<p>Explaining why places are like they are, historical developments - walk in woodland, compare old pictures of Victorian grandeur to how it looks now, more natural etc. Mining on the site in the past.</p> <p>Using maps and grid references - use resources in pack on site.</p> <p>Field sketches of area.</p>	<p>Using secondary sources of information - using maps, plans and aerial photographs, handling data - use resources in pack.</p> <p>How places fit into a bigger area or region - use resources/information in pack.</p>	<p>Using maps, plans and aerial photographs - use resources in pack.</p> <p>Knowledge and understanding of places – use O.S. maps past and present to look at settlement development in the AONB.</p>
Art and Design	<p>Textures - tree bark.</p> <p>Colours - autumn visit.</p> <p>Images - reflections in water.</p>		<p>Representation of images from photos - use photographic resources in pack and photos taken on the trip.</p>
ICT		<p>Interactive whiteboard - use web downloads for pack.</p> <p>Finding information - investigate the history of lead mining.</p>	<p>Interactive whiteboard - use web downloads for pack.</p> <p>Finding Information - investigate the history of lead mining and Victorian times.</p>
Maths	<p>Estimating - “how tall is a tree” worksheet.</p>		

Curriculum Area	Visiting possibilities/Activity area	Pre-visit possibilities	Post-visit possibilities
English	<p>Inspiring stories, poetry.</p> <p>Describing feelings - sensory activities in woods.</p>		<p>Composition - Inspiring stories, poetry, and use results of sensory activities in woods. Could do similar activities in school grounds and compare feelings etc.</p>
PSHE	<p>Different people and places.</p>		
History	<p>The Victorians - use of the history on the site to illustrate Victorian attitudes to nature. Visit the museum to complement study with artefacts from the Victorian times.</p> <p>Use of land - lead mining in Nidderdale, visit museum to see artefacts.</p>	<p>Use of land - lead mining in Nidderdale use maps to find mines.</p> <p>Interpreting historical documents and records - resources in the pack.</p>	<p>British history - the Victorians, use of old photographs of landscape and museum for understanding of clothes and daily life.</p> <p>Interpreting historical documents and records - resources in the pack.</p>

Fishponds Wood & the Tree Trail - Curriculum Areas

Curriculum area	Visiting possibilities/Activity area	Pre-visit possibilities	Post-visit possibilities
Science	<p>Observation skills, recording information - tree identification, woodland flora survey.</p> <p>Understanding processes - how a tree works, competition between plants for light can be seen in tree growth and distribution. Seed dispersal - seed collecting with Tree Wardens.</p> <p>Identifications skills and using keys - mini-beast work, worksheets in pack.</p> <p>Understand environmental processes - use of environmental games, examples in the pack.</p>		<p>Plant growth and nutrition - propagate seeds collected from woods in the classroom, compare with propagation of other plants, time for germination, effects of watering, type of growth medium etc.</p> <p>How a tree works - importance of trees to humans.</p> <p>Food chains.</p> <p>Understand environmental processes - use of environmental games, examples in the pack.</p>
Geography	<p>Explaining why places are like they are, historical development - ancient woodland compare old and new O.S. maps.</p> <p>Using maps and grid references - use resources in pack on site.</p> <p>Field sketches of area.</p>	<p>Using secondary sources of information - using maps, plans and aerial photographs, handling data - use resources in pack.</p> <p>How places fit into a bigger area/region - use resources/information in pack.</p>	<p>Using maps, plans and aerial photographs, handling data - use resources in pack.</p> <p>Knowledge and understanding of places - use O.S. maps past and present to look at settlement development in the AONB.</p>
Art and Design	<p>Textures - tree bark.</p> <p>Colours - autumn visit.</p> <p>Images - reflections in water.</p> <p>Environmental art - collage using things such as twigs, leaves, stones, from around them, put back afterwards, or collection taken back to recreate in classroom.</p>		<p>Representation of collections from visit, use of textured material from tree rubbings.</p>
ICT		<p>Interactive whiteboard - use web downloads for pack.</p> <p>Finding Information - investigate the history of monastic granges and use of land by monasteries.</p>	<p>Interactive whiteboard - use web downloads for pack.</p> <p>Finding Information - investigate the history of monastic granges and use of land by monasteries.</p>

Curriculum area	Visiting possibilities/Activity area	Pre-visit possibilities	Post-visit possibilities
Maths	Estimating - "how tall is a tree" worksheet Collecting Data - survey work using tally system.		Handling Data - presenting information in different ways using results of surveys done in the woods etc.
English	Inspiring stories, poetry Describing feelings - sensory activities in woods.		Composition - inspiring stories, poetry, and use results of sensory activities in woods. Could do similar activities in school grounds and compare feelings etc.
PSHE	Different people and places.		
History	Monastic Fishpond. Use of woodlands - different types, plantations, ancient woodland, use of timber. Forest of Knaresborough - Norman hunting ground.	Use of land - lead mining in Nidderdale use maps to find mines. Interpreting historical documents and records - resources in the pack.	British history - Fountains Abbey visit - experience a monk's lifestyle, understand monasteries' importance in the past, land ownership. Interpreting historical documents and records - resources in the pack.

Northsidehead Farm - Curriculum Areas

Curriculum area	Visiting possibilities/Activity area	Pre-visit possibilities	Post-visit possibilities
Science	Living Things and their environment - humans and animals.		
Geography	Knowledge and understanding of places - describing where places are, explain why places are like they are, weather, local resources etc. Understanding sustainable development - farming under Stewardship, improving the land for wildlife. Maintaining the nature of the landscape through farming and relating it to tourism.	Using maps, plans and aerial photographs handling data - use resources in pack. How places fit into a bigger area or region - use resources/information in pack.	Using maps, plans and aerial photographs, handling data - use resources in pack. Geology - formation of the landscape glacial valley, type of rocks, uses of the stone - dry stonewalls, houses etc. A visit to Brimham Rocks would complement this.
Art and Design	Photography of landscapes, colours textures.		Photography - used to develop collages, paintings etc Textiles – uses of wool, different wool properties, felt making, investigating dyes.
English	Listening and speaking skills – listen, understand and responding appropriately. Asking relevant questions. Inspiring poetry and writing.		Group discussion - shooting for sport and the rural economy. Farming and tourism. Inspiring poetry and writing.
History	Local history study - modernisation of farming methods.	Local History Study - local use of land, different types of farming, settlements and jobs. Population increases, housing and green space.	Local History Study - farming in the AONB area and changes through time. Monasteries through to modern day, textile industry in the AONB. Possibly combine a visit to Nidderdale Museum. Changing landscapes - use the O.S. maps and websites with old maps and aerial photographs to compare areas.

Curriculum area	Visiting possibilities/Activity area	Pre-visit possibilities	Post-visit possibilities
ICT		<p>Interactive whiteboard - use web downloads for pack.</p> <p>Finding information - investigate the history of farming, investigate where different foods comes from.</p> <p>Countryside code - use website highlighted.</p>	<p>Interactive whiteboard - use web downloads for pack.</p> <p>Finding information - investigate the history of farming, investigate where different foods comes from.</p>
PSHE	<p>Respecting differences between people - people living in different places, different vocations.</p> <p>Meet and talk with people - caring for the environment - stewardship schemes on farms.</p>	<p>Health - benefits of outdoor activity for health and well-being.</p>	<p>Explaining their views - class discussion about animals and farms, hunting for sport and rural economy.</p>

Scar House Reservoir (Swinsty, Fewston & Thruscross) - Curriculum Areas

Curriculum area	Visiting possibilities/Activity area	Pre-visit possibilities	Post-visit possibilities
Science	Water cycle	Water cycle	Water cycle
Geography	<p>Map skills - grid references, keys etc.</p> <p>Field sketches - land use, tributaries etc.</p> <p>Sustainability - use of land by humans, human impact on the environment.</p> <p>Geology - formation of the landscape glacial valley, type of rock etc.</p>	<p>Using maps, plans and aerial photographs, handling data - use resources in pack.</p> <p>How places fit into a bigger area or region - use resources/info in pack.</p>	<p>Using maps, plans and aerial photographs, handling data - use resources in pack.</p> <p>How places fit into a bigger area or region - use resources/info in pack.</p> <p>Geology - formation of the landscape glacial valley, type of rocks etc. A visit to Brimham Rocks would complement this.</p>
Art and Design	Photography of landscapes, colours, shadows etc.		<p>Photography - used to develop collages, paintings etc.</p> <p>Representation of water in art.</p>
English	Inspiring poetry and writing - wilderness, space, quiet. Describing feelings.		Inspiring poetry and writing.
History	Local history study - creation of Scar House reservoir, the workers' village, the railway and their decline. Use historical photos and see what remains of the village.	<p>Local history study - creation of Scar House reservoir, the workers' village, the railway and their decline. Use historical photos.</p> <p>Local history study - creation of Thruscross reservoir, moving a village and cemetery.</p>	<p>Local history study - creation of Scar House reservoir, the workers' village, the railway and their decline. Use historical photos. Visit the Nidderdale Museum to find out more.</p> <p>Local history study - creation of Thruscross reservoir, moving a village and cemetery.</p> <p>Changing landscapes - use the O.S. maps and websites with old maps and aerial photographs to see what the reservoirs flooded.</p>

Curriculum area	Visiting possibilities/Activity area	Pre-visit possibilities	Post-visit possibilities
ICT		Interactive whiteboard - use web downloads for pack.	Interactive whiteboard - use web downloads for pack. Finding Information - investigate humans' use of water etc
PSHE	Experiencing different places Health - benefits of outdoor activity for health and well being.	Health - benefits of outdoor activity for health and well-being.	Human impact on the environment and our responsibilities.