



Local Context within the Curriculum

SCIENCE

| Year Group | Unit of learning | Local knowledge | People to mention, resources to use, visits. |
|---------------------|--------------------------------------|---|---|
| N1 & N2 | Baking | Asda bakery section | Local shop or bakery |
| | Save the Gingerbread Man. | Shire Brook Valley | Local small stream- to see what would happen to their gingerbread men. |
| | Into the Woods | | Local wood walk. |
| | Potting Shed | Local allotments – Beighton | Local Allotments- Observe different things that can be grown. |
| | Slimy Things | | Mess Around South Yorkshire event session / Mini professors at school |
| Reception | Homes | Hackenthorpe area (flats, houses on Birley spa road and Bungalows in Waterthorpe) | Local walk round area to look at different types of homes. |
| | Materials | | Local walk around the area – why things are built the why they are? |
| | Observing Changes / growing | Local Allotments – Beighton | |
| | Animals similarities and differences | | Yorkshire Wildlife Park |
| | Mini Beasts | University of Sheffield run Mini Beast sessions | Shirecliffe Valley |
| Y1/2 Cycle A | Plants and Animals | Dyke vale road / Normanton hill - | Shirecliffe Valley |
| | Gardeners | | Allotments |
| | Food | | Visit a local food production company (such as Asda or the Rhubarb Shed) and see where they purchase or grow their produce. |



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| Y1/2 Cycle B | Local Environment | Used to be part of Sherwood Forest | Shirecliffe Valley |
| Y3/4 Cycle A | Rocks, Soils and Fossils Forces and Magnets Living Things | Peak District | Moorland Discovery / Western Park Museum Amy Johnson - Aircraft Pilot Shirecliffe Valley |
| Y3/4 Cycle B | Sound States of Matter Electricity Teeth and Eating The Big Build | Forgemasters – Steel works In 1899 the first electric tram ran between Nether Edge and Tinsley. Blackburn Meadows Power Station – biomass power station (this use of animals and plants to provide electricity) Sheffield Teaching Hospital – dentist | Artic Monkeys / Jarvis Cocker University of Sheffield projects Visit to the power station. Local dentist to visit Moorlands Discovery Centre - Den Building |
| Y5/6 Cycle A | Space Materials | In 1991 Helen Sharman from Sheffield is Britain's first astronaut In 1740's Benjamin Huntsman a clock maker from Handsworth invented the crucible steel process. | Helen Sharman Planetarium visit Harry Brearley – invented 'stainless steel' |
| Y5/6 Cycle B | Healthy Bodies Growing Up & Growing Old | | Jessica Ennis Hill & Joe Root Robert Winston |