

Workshop : Investigating the local heritage and habitat around us

National Curriculum Links

KS1 and 2: Local History- significant historical events, people and places in their locality and how they have influenced the national and international context- particularly emphasis on development of railways and the changing use of Stephenson Steam Railway

KS1 and 2: Science: Living things and Habitats: explore habitats and micro-habitats and how the conditions of these can affect what lives there; identify and name a variety of living things in their local environment

KS1: Art and Design: using a range of materials creatively to design and make products

KS2: Art and Design: to improve their mastery of art and design techniques, including drawing, painting and sculpture with a range of materials (e.g. pencil, charcoal, clay etc).

KS1 and KS2: Geography: understand and identify how the physical features of the Stephenson Steam Railway site has changed overtime

Learning objectives	Session structure	Assessment for learning
<p>To learn about the local history of the Stephenson Steam Railway site and the surrounding area and how the site has changed overtime</p> <p>To learn about habitats and the value of brownfield sites</p> <p>To investigate the woodland walk site and record and identify different living things found on the site</p>	<p>Introduction</p> <p>Children will explore in groups the 2 images of the site- one from today and one in 1950s and discuss how the site surrounding Stephenson Steam Railway has changed overtime.</p> <p>Children will then look at a piece of coal in groups and discuss its' uses in the past and today.</p> <p>Session activities</p> <p>Children will explore the local history of the site at Stephenson and use photographs of the site in the past to compare how the site has changed overtime. They will take part in a range of activities to understand this e.g. creating sounds to understand how the</p>	<p>Children will explore themes through exploration of old photographs, using their senses to create sounds and actions, observational drawing and visiting the woodland walk site to record what they find and see and creating their own versions of what they find.</p> <p>We will ask questions throughout to check understanding.</p> <p>Children will have opportunities to respond and give feedback throughout the session.</p>

	<p>waggonways worked and coming up with actions to illustrate how the stationary engine worked.</p> <p>Children will then visit the woodland walk site to explore the importance of this site and to see what insects and plants they can find and record within different areas of the meadow area.</p> <p>They will use their findings from the site to create their own version of one of the species they found.</p> <p>Plenary</p> <p>Ask some children to share their creations of the species they found on site.</p>	
Before your visit	After your visit	Key vocabulary
<p>Make a free teacher pre visit to familiarise yourself with the site- contact learning@stephensonsteamrailway.org.uk</p> <p>Explore our self-led resources for extra activities to do whilst visiting the museum Learning - Self Led Resources Stephenson Steam Railway</p> <p>Read our teachers notes to find out more about the museum and our trains Teachers Notes and Background Infomation Stephenson Steam Railway</p>	<p>Children could further explore their local habitats- in their school grounds and home and identify the living things that live in them. They could visit at different times and seasons throughout the year to see how the habitats change over the course of the year.</p>	<p>Coal</p> <p>Fossil fuels</p> <p>Coal mine</p> <p>Staites</p> <p>Waggonways</p> <p>Stationary engine, Middle engine</p> <p>Steam locomotives</p> <p>Metro</p> <p>Habitat</p> <p>Brownfield site</p>