



Local Industries YEAR 5 Topic Overview



<p>ENGLISH:</p> <ul style="list-style-type: none"> • Explanation text on the effects of tourism (Positives and negatives like economy, nature, social) • A recount of a workhouse child (Focus on emotive and descriptive language, fronted adverbials, relative clauses) 		<p>ART:</p> <ul style="list-style-type: none"> • Charcoal factory skyline • Collage using natural elements from Weymouth Beach. • Local artist to visit and work with the children. 	<p>DESIGN & TECHNOLOGY:</p> <ul style="list-style-type: none"> • Children to research bridges and how they work. To create their own bridge and test the effectiveness followed by an evaluation. • Design a tourist attraction in Weymouth.
<p>Global Citizenship:</p> <ul style="list-style-type: none"> • Discuss and debate child labour during the industrial revolution – understanding if it is still accepted in countries today. • Debate and discuss the impact of local tourism • Discuss and debate the effect of mass made production and pollution. 		<p>MATHS:</p> <p>Shape – Recognising 3D shapes and angles. Recognising the difference between irregular and regular Polygons Translate and reflect on a grid Measurement – recognising volume and area Understanding conversions including metric and imperial</p>	<p>SCIENCE:</p> <ul style="list-style-type: none"> • Forces – including gravity, air resistance, water resistance, friction. • Mechanisms involving levers and gears. • Researching Galileo and Newton
<p>PSHE/THRIVE:</p> <p>Safer relationships, understanding online and in person relationships.</p>	<p>VISITS & ENRICHMENT:</p> <p>Visit Weymouth town centre and beach to explore local industries</p> <p>Visit local quarries to understand the industry and how it has changed and developed</p>	<p>HISTORY:</p> <ul style="list-style-type: none"> • Making comparisons on how Dorset’s industries and careers have changed over time • Making links between past society and technology • Timeline of Industrial revolution and technology • Focus on Isambard Kingdom Brunel 	<p>GEOGRAPHY:</p> <ul style="list-style-type: none"> • Map out tourist attractions in Dorset and compare with the UK • Name the significant industries in Dorset • Discuss how places might change in the future due to industries • Questionnaire to the public about local industries • Map of Portland stone and how it is exported
<p>COMPUTING:</p> <p>Google Earth Fact file to promote tourism in Weymouth Search engines Typing speed</p>	<p>PHYSICAL EDUCATION:</p> <p>Rounders Ball Games</p>	<p>MUSIC:</p> <p>Charanga plan</p>	<p>TOPIC FINALE:</p> <p>Visit Weymouth town centre and beach to explore local industries</p>