



## PLASTIC POLLUTION YEAR 5 Topic Overview



<p><b>ENGLISH:</b></p> <p>Posters – persuasive language to raise awareness of plastic pollution and the damage it is causing to the globe.          Newspaper reports – the effects of plastic pollution or the solutions to plastic pollution.          Thought of the day/fact of the day about plastic pollution – updated on the Conifers Facebook site.          Creating a news report – children filmed and uploaded to our Conifers website.          Topic Book – Flotsam by David Wiesner</p>	<p><b>ART:</b></p> <p>Whole year group art project using plastic to promote an awareness.           Tom Hatcher – local artist who uses washed up rubbish to create artwork</p>	<p><b>DESIGN &amp; TECHNOLOGY:</b></p> <p>Children to design purposeful items from plastic.</p> <div style="display: flex; justify-content: space-around;"> <div data-bbox="1541 395 1736 624"> <p>For the snack boxes</p> </div> <div data-bbox="1749 395 1951 624"> <p>For the bird-feeder</p> </div> </div> <p>Children to design musical instruments out of plastic.</p>																			
<p><b>Global Citizenship:</b></p> <p>How is the UK supporting with plastic pollution?          How are other countries supporting with plastic pollution?          The day in the life of a plastic bottle.</p>	<p><b>MATHS:</b></p> <p>Fractions – converting to decimals          Fractions – times and divide          Measurement          Conversion of metric measure          Perimeter, area and volume          Units of time</p>	<p><b>SCIENCE:</b></p> <p>Forces – This involves looking at: gravity, water and air resistance and friction.          We will also explore how mechanisms allow a small force to have a greater effect.</p>																			
<p><b>PSHE/THRIVE:</b></p> <p>Children complete a daily planner of plastic waste they use at home.          Discuss ways to improve.          Show in assembly the ideas children have come up with the help with waste at home</p>	<p><b>VISITS &amp; ENRICHMENT:</b></p> <p>Beach clean</p>	<p><b>HISTORY:</b></p> <p>History of plastic. Draw graphs to show the increase.          Discuss the reasons why this has happened.</p> <div data-bbox="1093 1246 1377 1437"> <p>How global plastic production has changed since 1950</p> <table border="1"> <caption>Global Plastic Production (Million Tons)</caption> <thead> <tr> <th>Year</th> <th>Production (Million Tons)</th> </tr> </thead> <tbody> <tr><td>1950</td><td>10</td></tr> <tr><td>1960</td><td>20</td></tr> <tr><td>1970</td><td>40</td></tr> <tr><td>1980</td><td>80</td></tr> <tr><td>1990</td><td>150</td></tr> <tr><td>2000</td><td>250</td></tr> <tr><td>2010</td><td>400</td></tr> <tr><td>2020</td><td>600</td></tr> </tbody> </table> </div>	Year	Production (Million Tons)	1950	10	1960	20	1970	40	1980	80	1990	150	2000	250	2010	400	2020	600	<p><b>GEOGRAPHY:</b></p> <p>Comparison between the UK and other countries around the world.          Discuss population          Waste timeline on how long it takes items to decompose</p>
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<b>COMPUTING:</b> Google Earth Typing speed Microsoft word – create a questionnaire for the children to complete about plastic pollution Excel – produce a table of the results.	<b>PHYSICAL EDUCATION:</b> Tennis coach	<b>MUSIC:</b> Musical instruments made from rubbish/recycling	<b>TOPIC FINALE:</b> Invite parents in to see a gallery of the topic plastic pollution
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