

Year 4 – Autumn 2021 (2nd half)



TOPIC: **What a Load of Rubbish**

<p>Key Subject Focus/Foci: Geography</p>	<p>Quality Texts: Stig of the Dump</p>	<p>Vocabulary: Waste, Biodegrade, Dispose, Flues ,Fly-tipping, Incinerator, Landfill, Methane, Waste hierarchy, Organic waste</p>
<p>Knowledge:</p> <p>About 25% of waste is buried in landfill sites.</p> <p>Some buried waste rots, but much of it survives and some of it never decays.</p> <p>Landfill waste is packed into cells lined with plastic. Drains and flues carry away pollution.</p> <p>Around 50% of household rubbish is recycled.</p> <p>Most plastic recycling is sent abroad.</p> <p>One way of reducing rubbish is to ensure that companies use less packing for their products.</p> <p>We can reuse waste by donating unwanted goods to charity shops or sell them on auction sites, like Ebay.</p> <p>Recycling means using waste to create something new.</p> <p>Recycling centres sort waste using magnets, machines or by hand. Metal is crushed, then pressed to make foil or cans. Glass is melted then poured into moulds to make new bottles and jars. Waste paper is shredded and turned into cheap toilet paper, printer paper and greeting cards.</p> <p>Plastic is difficult to recycle as there are many different kinds, so they need to be sorted by hand.</p> <p>Organic waste can be composted and used to create healthy soil.</p>		<p>Skills:</p> <p><u>GEOGRAPHY:</u></p> <ul style="list-style-type: none"> • I can find out different news about an environmental issue. • I can suggest ways that a locality could be improved. <p><u>DESIGN TECHNOLOGY:</u></p> <ul style="list-style-type: none"> • I can measure accurately. • I can make a product strong and explain how I did it. • I can join fabrics/materials together in different ways and explain why and how I did it. • I can use finishing techniques showing an awareness of audience. <p><u>SCIENCE:</u></p> <ul style="list-style-type: none"> • I can construct simple series circuits and represent them in drawings • I can recognize how a switch works. • I recognise some common conductors and insulators. <p><u>ART & DESIGN:</u></p> <ul style="list-style-type: none"> • I can work with life size art. • I can work with mouldable materials (mod-roc or paper machier) • I can add pattern, texture and tactile qualities to my end product. <p><u>COMPUTING:</u></p> <ul style="list-style-type: none"> • I can email the local council about an environmental issue in my locality. • I can use a slideshow with image and sound to provide backing for a fashion show – announcements/descriptions etc. <p><u>Data Retrieving and Organising:</u></p> <ul style="list-style-type: none"> • I can capture images using webcams • I can choose and download images and use them in a publishing program.
<p>In literacy we will write a chapter to insert into Stig of the Dump as well as writing letters. We will learn to write emails. In DT, we will create clothing out of waste material. In art, we will create flowers for Stig’s Garden and light them up using circuits made in science. In music, we will perform as a samba band.</p>		