

Wild Landfill Lesson Plan KS2

Learning objectives:

By the end of this lesson;



All students will be able to state what a landfill site is and suggest one way to reduce household waste



Most students will be able to describe how reducing, reusing and recycling waste correctly can reduce the waste and state some benefits of habitat creation.



Some students will be able to evaluate landfill as a waste management system stating some alternatives



Checklist of learning: Pupils complete this checklist of terms at the start and end of the lesson to monitor learning and progress

Kahoot!

Tell me what you know! Kahoot assignment

[https://create.kahoot.it/share/wild-landfill/e583315c-a213-48c9-b8cc-118162431d](https://create.kahoot.it/share/wild-landfill/e583315c-a213-48c9-b8cc-118162431d27)

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Background: Wild Landfill – Rewilding the post-industrial landscape

The legacy of industry and waste disposal is one of loss of nature and pollution of the natural environment. It has seen the degradation of land and soils and reduced biodiversity. Led by NRW in Partnership with Gwynedd and Ynys Mon County Councils, Wild Landfill is the Welsh Governments Challenge Fund rewilding initiative restoring North Wales landfill sites into thriving, biodiverse, natural habitats. The project aims to begin the reversal of this trend incorporating all aspects of sustainable management of natural resources into its brief. Among the major themes of this project are to; increase biodiversity, provide water storage and flood protection, create wetlands, ponds, wildflower meadows and woodland. Four brownfield waste landfill sites across Gwynydd and Ynys Mon will be regenerated into a mosaic of wildlife habitats which will not only be new homes for nature but will begin to store carbon. Initiatives include the planting of more than 45,000 new trees and creating over 100 acres of new wildflower meadow.

Starter activity:

Matched pairs – Also acts as a list of keywords with definitions

https://docs.google.com/document/d/1dg3Ds8WG4thCjip-OFU_q27cR5lI01-uPo7z9_zZ-x4/edit?usp=sharing

Hexagonal thinking game – can be used with slide 7 of presentation. Get pupils to

https://docs.google.com/document/d/1oMX4LS0fG_vsrFzo5hMJxrMiQ4WEbjKceZO_PwXBdHnU/edit?usp=sharing

Presentation: watch the pre-recorded talk which accompanies this lesson plan <https://youtu.be/27M-0K-YDPE>
Or use the presentation to deliver it yourself.



https://docs.google.com/presentation/d/1q9EttPFCpVVbBCfgSfeqjIQaF64ChdkOE_XQCYgGxOVs/edit?usp=sharing

Activity:

Which of these 20 items can we recycle? Run the activity as a paper based activity or bring in a pile of items and get the pupils to come up with ways of sorting them.

https://docs.google.com/document/d/1M_1UZ5erLRN5JXbItN986k6FxNsa2H974zCuGTaZuJ8/edit?usp=sharing

Creative writing activity.

Idea 1: Imagine you are a plastic toy. Describe its journey (a timeline) from being made to its life in the shop to being given as a present then finally ending up in landfill.

Idea 2: Imagine you are an animal/tree that had its home destroyed when the landfill site was created. Describe what it was like before, the process of being removed/displaced. Where did it end up and what happened when it died.

Idea 3: Imagine you are a newly planted tree or an animal that now finds its home on the old landfill site. This is part of the rewilding programme where nature has returned but still lives on top of an old industrial site.

Idea 4: Describe the possible and probable futures of landfill sites

Pledge:



Create a promise to put into action. Students write these on a postcard and these will be kept and returned after 3 months. They are designed to inspire, empower and reward young people. Share via social media. <https://www.instagram.com/wildlandfill/>

Plenary: Watch the story of stuff. This is a plenary activity where the pupils can reimagine

