

# Welcoming

## schools and community groups to

### Allerton Waste Recovery Park



Did you know we offer free visits for schools and community groups?



You can learn about what happens to your household waste – and how we're using it to create energy!



Our on-site Visitor Centre has a lecture room and education room, where you can hear about what we do, take part in discussions or play waste-themed games.



### DID YOU KNOW?

We were the first waste facility in the UK to combine three technologies on-site: anaerobic digestion, mechanical treatment and energy from waste.



A tour is included in each visit – you'll wear your hi vis vest and get a close up look at our waste sorting technology and control room.

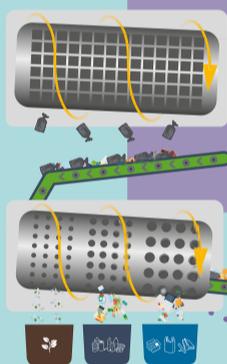


School visits support citizenship, geography and the sciences at Key Stages 2, 3 and 4.

## A sneak peak into what we do at Allerton Waste Recovery Park

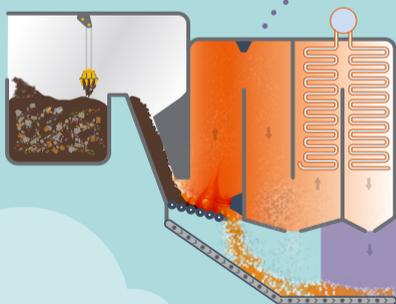
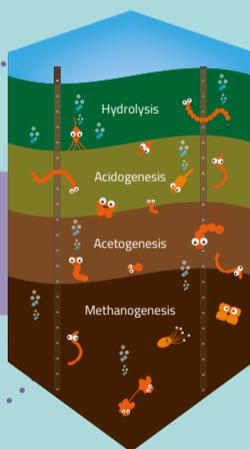
Let us take you on a whistle-stop journey through Allerton Waste Recovery Park.

If you throw away any general household rubbish, it comes to us – and that's where the magic begins to turn it into energy.



First our mechanical treatment technology sorts and separates the waste. An amazing 1.5km of conveyor belts move the waste between a range of sorting techniques, including magnets, sifting, trommels (large drum shaped sieves) and infra-red detectors. We take out anything that's recyclable, such as plastic and cans. We also take out organic waste like food and garden materials.

It's a bug's life! The organic waste goes into an anaerobic digester where microscopic bugs break down the waste. This creates a biogas, which we use to create energy.



Any remaining waste goes into the energy from waste technology where it's burned at a staggering 850°C – creating enough energy to power at least 40,000 homes (that's a town the same size as Harrogate!)



For more information and to book a tour, please visit [www.allerton-waste-recovery-park.co.uk](http://www.allerton-waste-recovery-park.co.uk) (community and education pages) or email us at [AWRP.Visitor@amey.co.uk](mailto:AWRP.Visitor@amey.co.uk).

If you would like this information in another language or format such as Braille, large print or audio, please contact us.