

# Carr Green Primary School

## Puts compost on the curriculum



Working with Urban Mines, CO2Sense helped Carr Green Primary School in Rastrick compost its kitchen and garden waste into useful compost and mulch. This is then used for school gardening projects and grounds maintenance.

Carr Green Primary School purchased an A500 Rocket Composter with funding from CO2Sense's CLOE (Closed Loop Exemplars) scheme.

Urban mines helped the school to apply for a waste licence exemption. This means catering waste such as cooked and uncooked meats and fish, vegetables and fruit, as well as green waste from the gardens, can now all be disposed of in the composter.

Wood chip from a local tree surgeon is also composted in the system. The process takes 14 days to produce immature compost which is then transferred to a conventional composter to complete the process. In its first 15-weeks of use 700kg of kitchen food waste was composted along with 400kg of woodchip. This produced 330kg of compost for use by the school. Over the course of an academic year this amounts to 2.9 tonnes of organic waste material composted and 840kg of compost produced.

CO2Sense funded the initial cost of the machine and associated items such as bins, aprons and scales.

## Composting

- Reduced waste costs
- Sustainable management of organic waste Free compost and mulch for school grounds
- Educational value
- Environmental awareness.

“Closed loop composting makes environmental and business sense for a range of organisations.”

Matt Hill - Project Manager - CO2Sense

Running costs amount to 50p per week. Financial savings result from no longer having to pay landfill costs (which are set to rise dramatically in coming years) and from the free mulch and compost which the composter produces.

Commenting on the school's adoption of a composting system, Matt Hill, Project Manager at CO2Sense said "Closed loop composting makes environmental and business sense for a range of organisations especially those which produce large amounts of food waste from their kitchens or green waste from their grounds and gardens."

He added: "Demonstration projects like Carr Green help organisations who wish to explore the viability of on-site composting. It means they can make an informed decision about the costs and potential savings involved and the benefits for the environment."

**CO2Sense was established by Yorkshire Forward to help businesses in the region to prosper in the low carbon economy. We provide expertise and funding to help environmental companies to grow. We work with partners to help all organisations to fund and develop initiatives that reduce their carbon emissions.**