



Helping to change the world – one lesson at a time

MIDHURST Rother College's brightest sparks are helping to change the world after building biodigesters and investigating which waste provides the most effective source of fuel.

Now they are hoping their work will lead to BA Crest Bronze and Silver awards for their completed projects.

While the rest of their schoolfriends enjoyed the summer holiday, 20 students from Years 7, 8, and 9 at the college took part in the school's Gifted and Talented Summer School with the theme of No Mean Feast.

Over eight days they investigated their impact on both the local environment as well as the worldwide community. They researched the issues around global warming and measures to reduce its impact.

Nicola Winsor from Chichester District Council guided the students through a carbon footprint workshop and they carried out scientific experiments to find the most efficient biofuel. With the help of Julian Maiken from Green and Pleasant in Easebourne, students investigated what could be done with waste.

He demonstrated how to build a domestic biodigester and students set out to discover what waste would make the most effective fuel source.

They built their own mini biodigesters and used a variety of waste products as a fuel source.

These are being monitored, and by the end of this month these biodigesters will have produced gases which will be analysed and measured.

Alice Hatch, Scarlett Harris and Jessica To explore the effect of heat on the greenhouse effect

CONTRIBUTED PICTURE