



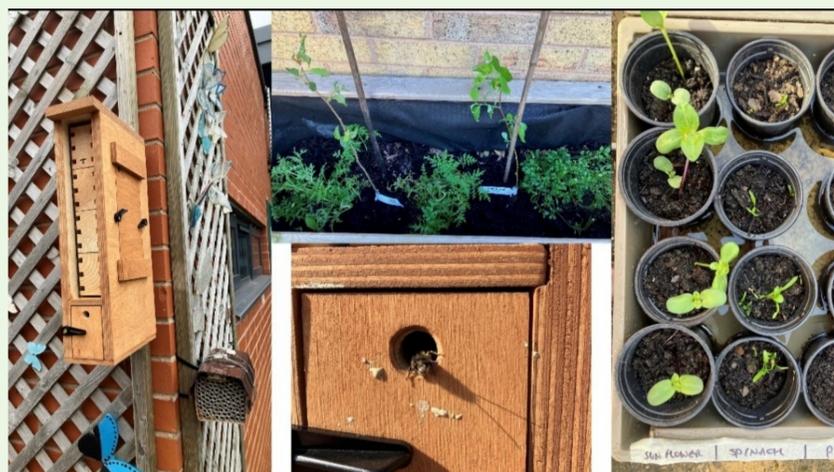
# Wilberforce Sixth Form College

The University of Hull

## Can capturing rainwater lead to a greener future?

### Why have we asked this question?

As the climate changes, sea levels are due to rapidly rise. The City of Hull and the surrounding area are at serious risk of flooding due to our location on the Humber Estuary. Capturing rain will reduce the quantity of water entering drains and alleviate flood risk. Additionally, using captured rainwater to irrigate plants will trap water and improve biodiversity.



### What have we found out?

The captured rainwater has been measured and the volume we can potentially capture has been estimated. We are now underway monitoring rainfall levels locally, onsite and in the surrounding area using data from the University of Hull. Furthermore, we are establishing a breeding colony of mason bees by planting the appropriate species of pollen, providing trees and installing bee boxes.