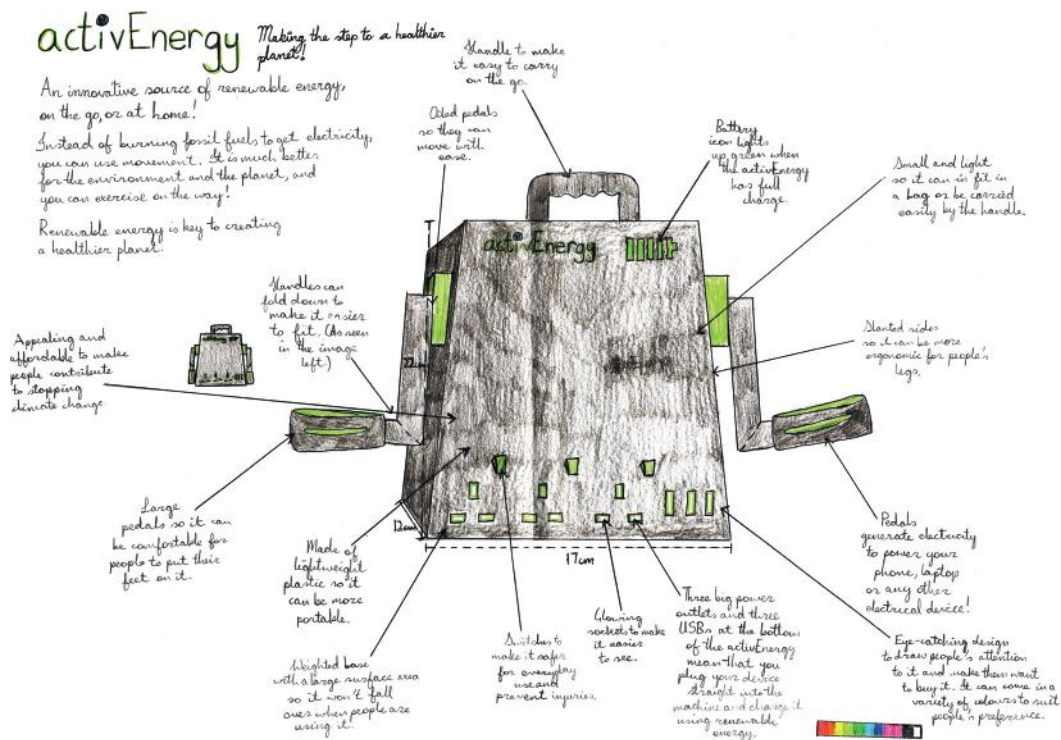




# IF YOU WERE AN ENGINEER WHAT WOULD YOU DO?®

North East England Leaders Award 2019  
 Winner, Year 8

## Active Energy



Name: Iris Rawsthorne  
 Gender: Female  
 School name: Monkseaton Middle School  
 Year group: Year 8  
 Which engineer inspired you? Matthew Locke  
 From which company? Draeger

How do you keep the nation fit and reduce energy costs? With the "Active Energy" device. This great design uses pedal technology to generate electricity to power a range of devices or charge a battery for later use. The motion to rotate the pedals is from human muscle power and the more power generated the fitter the nation becomes. This also educates people to use generated power more effectively.