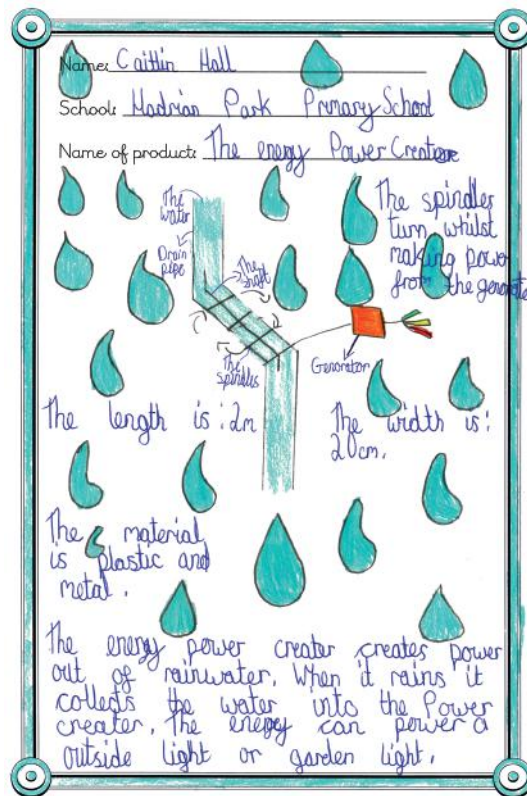




IF YOU WERE an **ENGINEER** WHAT WOULD YOU DO?®

**North East England Leaders Award 2019
Winner, Year 5**

The Energy Power Creator



Name: Caitlin Hall
Gender: Female
School name: Hadrian Park Primary School
Year group: Year 5
Which engineer inspired you? Anthony Hall

Living in the UK we get plenty of rain. The energy Power Creator uses hydroelectric principles within a domestic situation utilising drainpipes from gutters. A rotating spindle is attached to a small generator and the force of the rainwater plus gravity causes the spindle to rotate and electricity is generated. This could be enough to power a light or charge a battery.