



IF YOU WERE an **ENGINEER** What WOULD YOU DO?[®]

Sheffield Leaders Award 2019
Winner, Year 5

Electric Heels



Name:	Sophie Alice Tapper
Gender:	Female
School name:	Sacred Heart Catholic Primary School
Year group:	Year 5
Which engineer inspired you?	Maryanne Todd
From which company?	Sacred Heart School

The '**Electric Heels**' is installed within fashionable footwear and uses piezo-electric transducers to generate electricity through movement and charge battery powered devices including mobile phones.