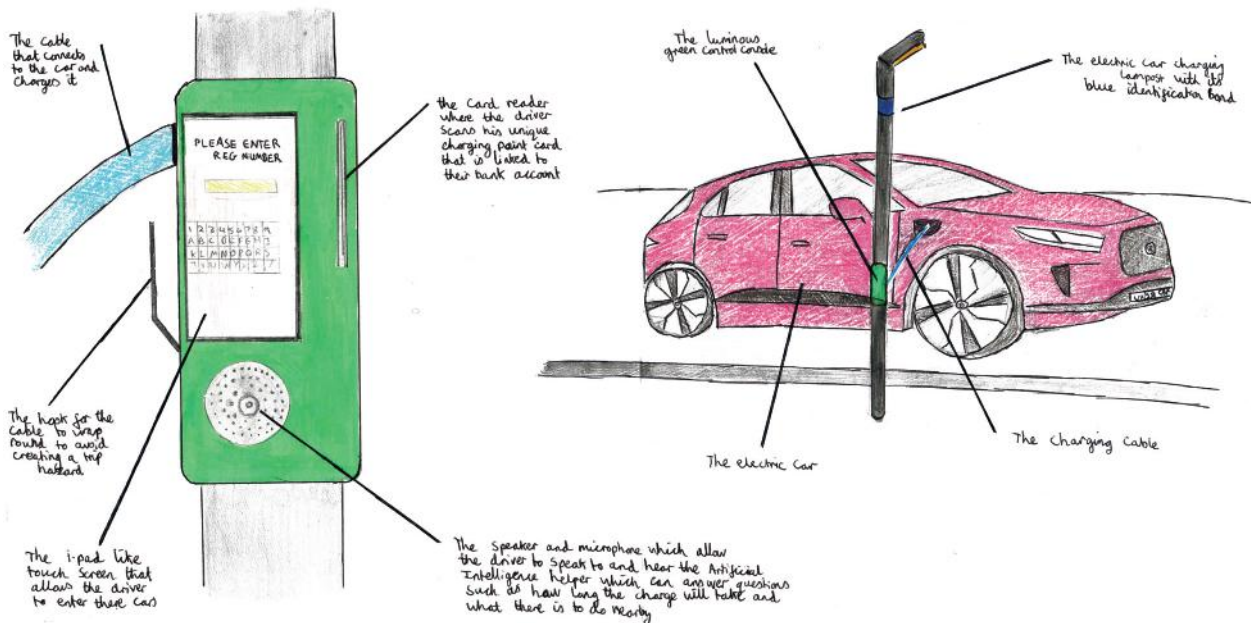# IF YOU WERE an ENGINEER WHat WOULD YOU DO?®

SCOTTISH ENGINEERING LEADERS AWARD 2019: National Winner, Secondary 3

The Electric Car Charging Lampost

The cable that connects to the car and charges it

the Card reader where the driver scans his unique charging point card that is linked to their bank account

The hook for the cable to wrap round to avoid creating a trip hazard

The i-pad like touch screen that allows the driver to enter there car

The speaker and microphone which allow the driver to speak to and hear the Artificial Intelligence helper which can answer questions such as how long the charge will take and what there is to do nearby

The luminous green control console

The electric car charging lampost with its blue identification band

The electric car

The charging cable

PLEASE ENTER REG NUMBER

Name:	Neil Foster
Gender:	Male
School name:	Belmont Academy
Year group:	Secondary 3
Which engineer inspired you?	Iulia Motoc
From which company?	University of Kent

'The Electric Car Charging Lamppost' addressing the challenge of the need for electric charging stations and current infra structure Neil has come up with an innovative solution.