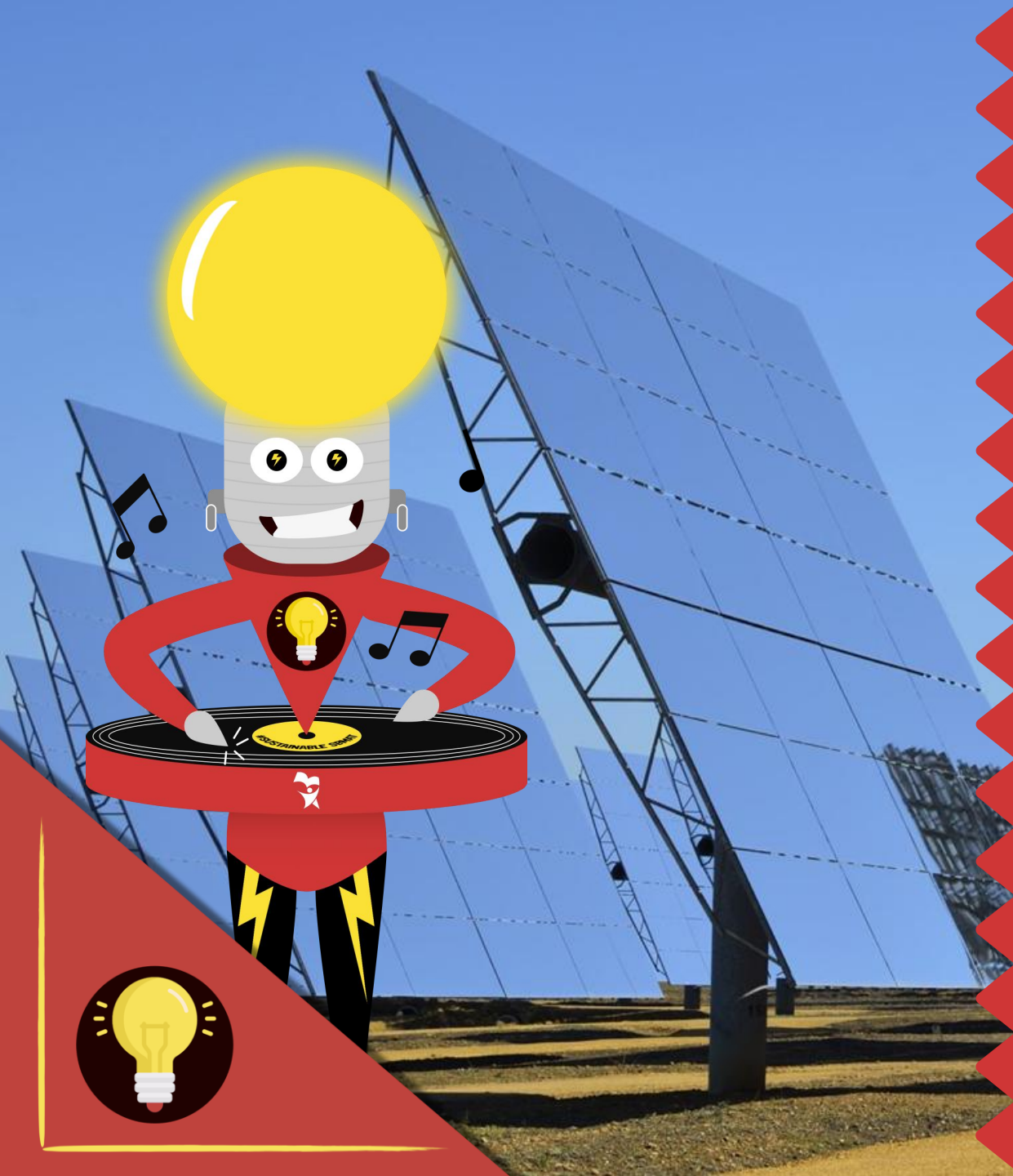




SUPER GANG

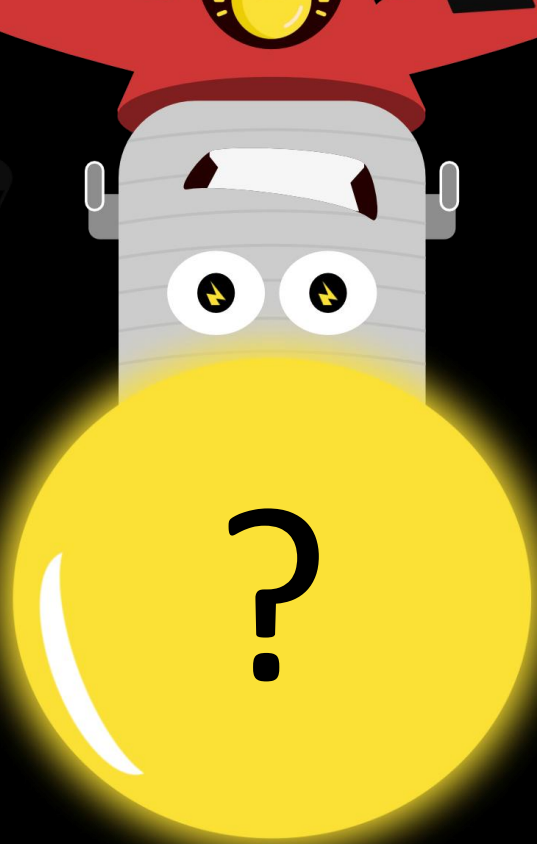


SOLAR PANELS



Nantwich Primary Academy have joined **DJ Volts** in saving energy and the planet!



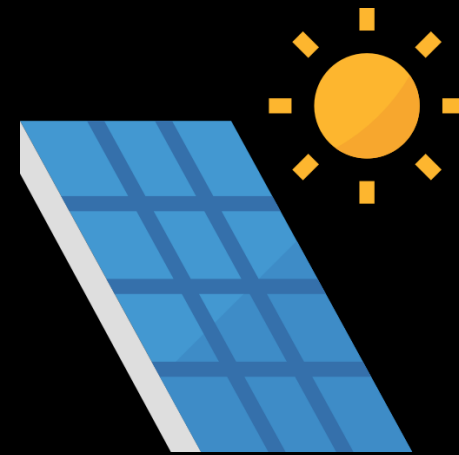


Solar PV stands for
Solar Photovoltaics.

WHAT IS SOLAR PV?

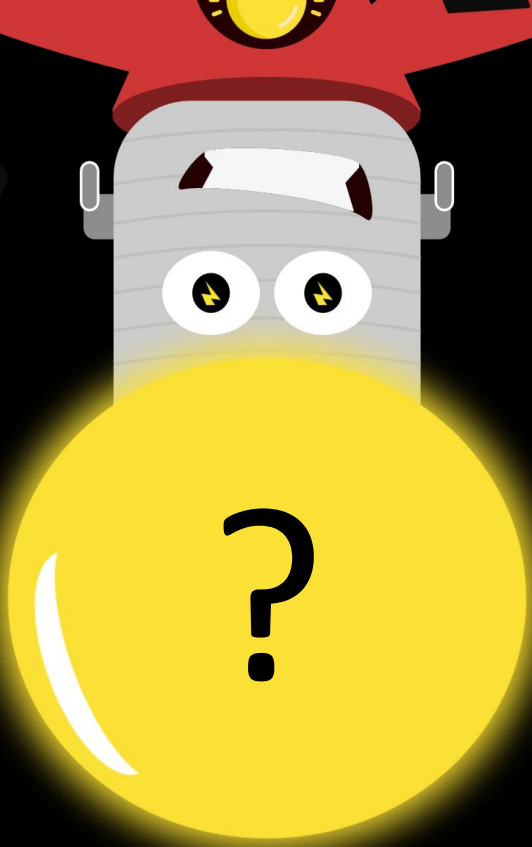


It uses sunlight to
create electricity.



Solar panels are made of
special materials called
solar cells that capture
sunlight.

HOW DOES IT WORK?



Sunlight hits the solar cells in the panels.



The cells turn sunlight into electricity.



This electricity will power our school or can be exported to the National Grid when we produce more than we need.

WHAT does IT
LOOK LIKE?

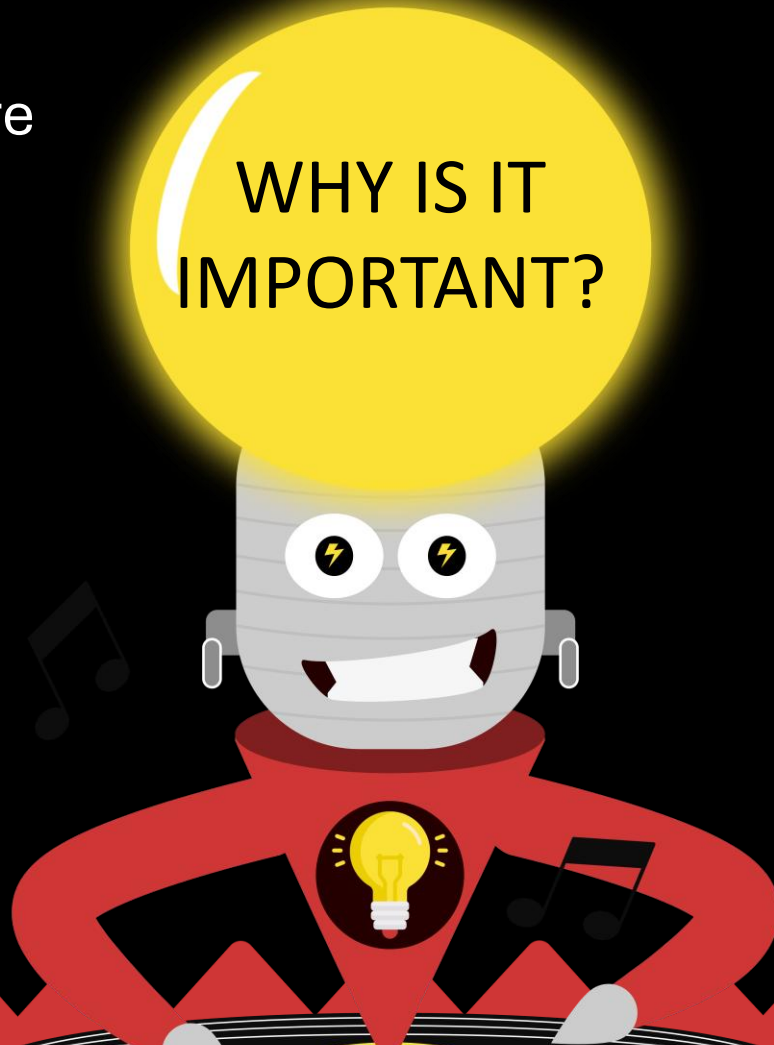




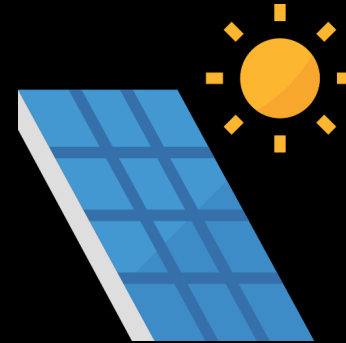
Using solar energy helps protect our planet for future generations.



It uses a renewable energy source, which means it won't run out!



WHY IS IT IMPORTANT?



Solar energy is clean and helps reduce carbon emissions from electricity generation using fossil fuels.

HOW WILL IT HELP Nantwich?



The installation will generate over 12,290 Kwh of electricity annually. This is about 22 % of what the school currently uses.

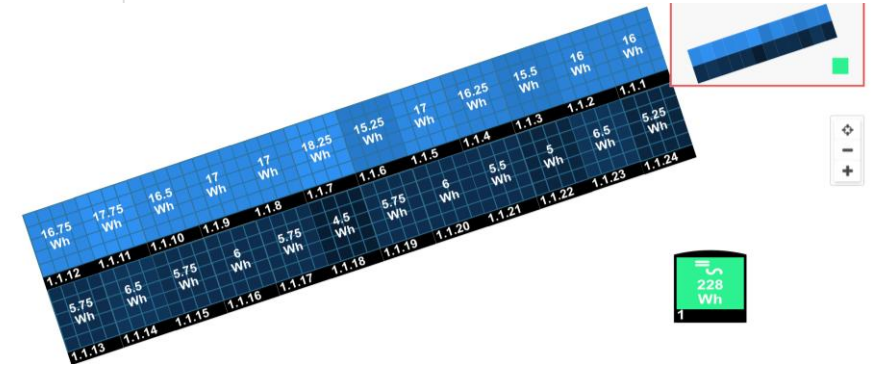
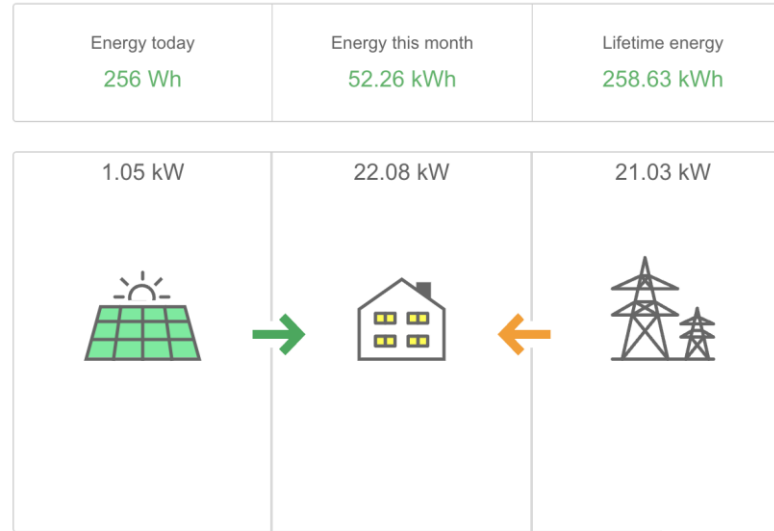


It will save the school approximately £2,300 in the first year with projected savings of £90,000 over its life span.



It will reduce carbon emissions by 2.20 tonnes of CO2 every year, which is the equivalent of planting 70 trees every year.

HOW WILL YOU KNOW IT IS WORKING?



You'll be able to see how much you have generated every day, week, month and year.



You will be able to see the layout of the panels and how much each is generating

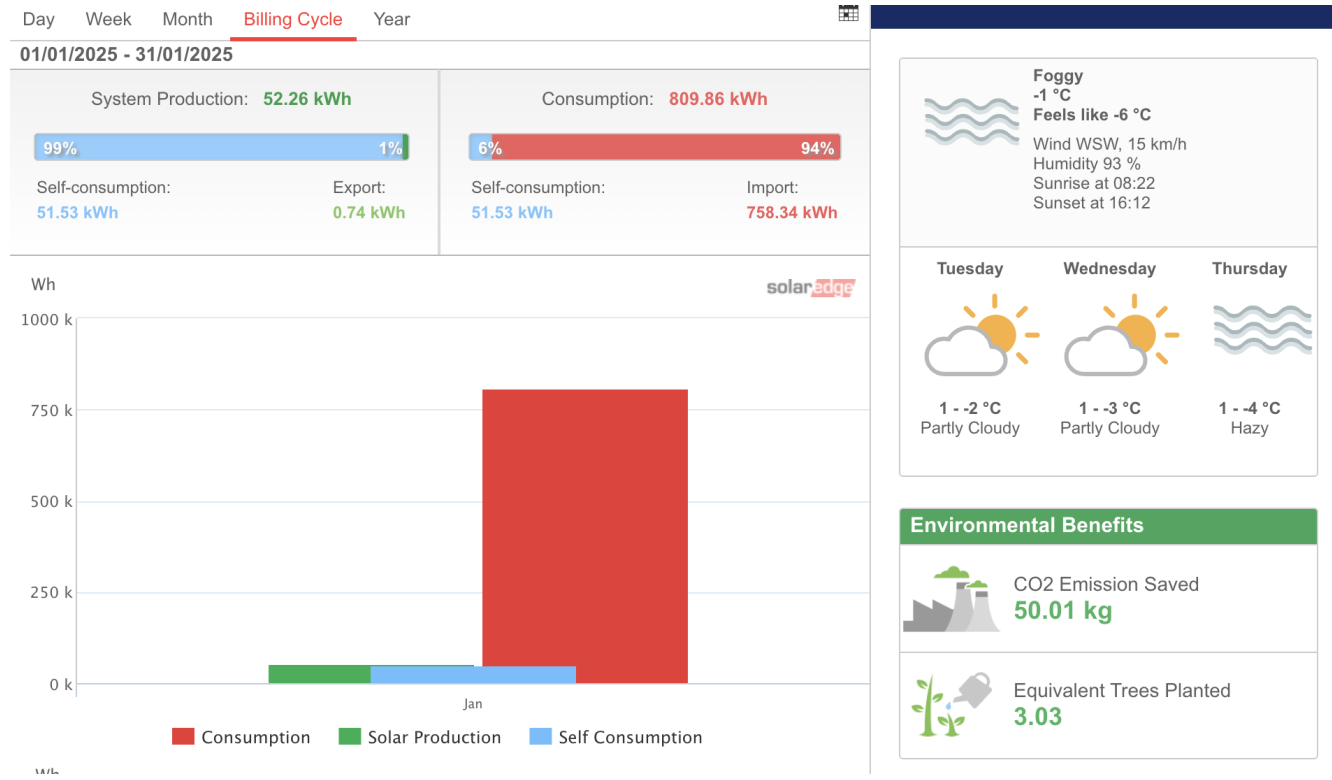


The display will show how much electricity you are generating, live and what percentage of the overall use that



The portal will show how much money has been generated by selling the excess electricity back to the grid.

HOW WILL YOU KNOW IT IS WORKING?



You'll be able to see how much has been generated every day, week, month and year.



The portal will show how much money has been generated by selling the excess electricity back to the grid.



It will also show you how much carbon you have saved and how many equivalent trees planted.



The amount generated will depend on how sunny it is, but even on cloudy days, electricity will still be generated.

WHAT NEXT?

Help **DJ VOLTS** to save even more electricity by making sure that all the lights are switched off when you leave a room.

