

Sunshine and Showers

Tomorrow's
Engineers

Solar powered water pumps are **transforming lives around the world**, allowing communities to access safe drinking water and water their crops.

Just one example of how **technology** is used in increasingly creative ways **to harness the earth's natural resources** to generate electricity.

www.tomorrowseengineers.org.uk





Did you know?

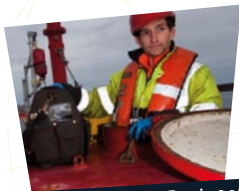
Enough energy from the sun falls on the earth in one hour to power everyone in the world for one year.



Power

Engineers create new ways to generate electricity:

-  Tidal power technology which captures energy from the sea
-  Pedal power from exercise bikes which provides lighting for buildings
-  Smaller, safer and cheaper nuclear reactors
-  Ground source heat pumps which use the constant temperature of the earth to heat and cool homes



Joe, Operations Engineer

See my
story and
others here

tomorrowsengineers.org.uk/real-jobs

Important subjects for engineering:

- Maths
- Physics



Useful subjects:

- Chemistry
- Design and Technology
- Computing



As the global population grows, our demand for power increases, meaning we have to find new, sustainable ways to generate electricity.

Imagine you're an engineer...

Can you come up with a creative way of charging up an electronic device you use?

You could engineer a new way of powering our daily lives, while protecting the planet.