SIEMENS
Ingenuity for life

Ingenious Engineering

Our world is constantly changing, with ground breaking innovations in engineering and technology improving everything. Using this poster and the Siemens Ingenious Engineering App explore these landmark STEM inventions, the engineering behind them, and their impact on the world around us.

WIND TURBINE

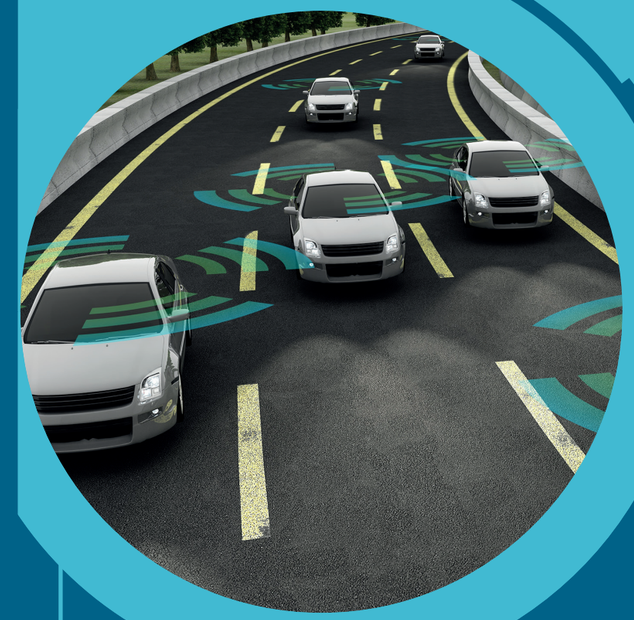
The world needs to find renewable sources of energy, with wind power leading the way. Wind turbines converts wind into the electricity that powers your life daily.

ROLLERCOASTER

Supported by Alton Towers Resort

Engineering and clever digital technology is behind what make rollercoasters thrilling and safe. Rollercoasters push the boundaries of speed and physics.

DRIVERLESS CAR



Passengers get to relax and enjoy their commute, as the cars of the future will be driven by autonomous technology, guided by sensors and GPS satellites.

AUGMENTED REALITY IMAGE KEYS

Simply point your device's camera at the poster using the Ingenious Engineering App and watch the inventions come to life in 3D.

Download on the App Store

GET IT ON Google Play

Ingenious Engineering

Are your students creative and curious? Do they enjoy solving problems? Are they motivated to help people? Have they thought of careers in engineering and technology?

Have your students thought of careers in engineering and technology? Whether they decide to take an apprenticeship or go to university, the UK needs more engineers and there is a bright future ahead for young people in STEM careers. Who knows, maybe their next invention will lead them to join the people behind our ingenious inventions....

Download the Ingenious Engineering App and bring science, technology, engineering and maths education to life in the classroom with augmented reality.

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For more free STEM curriculum-linked resources visit: **www.siemens.co.uk/education**.

WIND TURBINE

Ingenuity behind sustainable energy: Sabine Dall'Omo

Sabine Dall'Omo is responsible for the electrification for almost an entire continent. From wind turbines to microgrids, Sabine explores how changing power sources will change everyday life and makes plans for what the future of energy will be in some of the world's most remote places. Sabine has fully experienced the global potential of working in engineering, travelling all around the world starting in Germany before working in America, China and now Africa .

ROLLERCOASTER

Ingenuity behind the thrills: Dawn Childs Group Engineering Director, Merlin

Zooming down rail tracks and being flung upside down until you feel sick might be your experience of rollercoasters, but the engineering behind these inventions is even more exciting. From the planning and building of infrastructure, to the construction of tracks, civil engineers, rollercoaster engineers, designers and electricians are some of the jobs involved in making sure that your rides are as fun as they are safe.

DRIVERLESS CAR

Ingenuity behind the wheel: Priscilla Boyd

Driverless cars are at the cutting edge of automation; connecting the virtual world with the real. Connected Mobility Product Manager Priscilla Boyd develops products and creates systems for automated vehicles, considering the impact of this technology on people. With a Masters in software engineering, Priscilla has pursued a career in the automation industry - focussing on how it will impact people and society

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SIEMENS
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Your Augmented Reality guide to inventions improving our lives

Siemens is committed to supporting young people into STEM careers with free STEM education, curriculum linked resources for students aged 7-16+ years old.

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