

ELECTRIC VEHICLES PLANT

7Tao support educational institutions in simulation and development of model production lines and plants.

Battery technology and the electrification revolution is changing the way of life of every home in the world. The central point in this transformation is the move away from fossil fuels to electrical power generation and usage. 7Tao build electrical systems based models which introduce the electric power revolution through several electric vehicle plants.

Students will be challenged to build complex electrical vehicles combined with the latest production and manufacturing techniques to simulate production lines in the modern manufacturing plants. Students will learn practical, theoretical, applied and academic skills as they solve complex problems in the building of high performance electrically powered cars.

7Tao use the latest in Gasoline, Electric and Nitro based fuel systems to ensure that the factory simulation is true to life.

Students 'work through play' as they deep dive into challenges which realise their full potential in the manufacturing and engineering world.

The Electrical Vehicles Plant program can be a one day introduction or a full 5 day training course which is certified to NVQ Level with an Engineering Awarding body.



Q & A	
Number of students in a cohort	10 to 20
Number of engineering and manufacturing techniques that could be learned	25+
Engineering problems to be solved	30+
Age range	14+
Number of products to be built	5 - 25
Certification process with EAL Engineering Awards	Available