

LEGO® Forces

Workshop	LEGO Forces
Key Stage	Key Stage 1-2
Recommended Age Group	5 - 11
PoS	Physics, Design and Technology
Workshop Description	Discover and investigate how gravity, friction and weight can affect the speed and distance of LEGO cars. Pupils will work in pairs to design and create their very own car which is then tested on our LEGO race track
Duration	45 Minutes
Equipment	LEGO Technic LEGO Race Track
Capacity	30 students
Lesson Objectives	<ul style="list-style-type: none"> ✓ Understanding how gravity, friction and mass can affect travel, students will collaboratively design, make and test their car evaluating its performance to improve design ✓ Students will demonstrate team work and communication skills to complete the task ✓ Students will design, build and evaluate their designs

