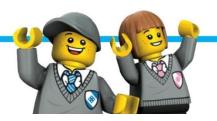




LEGO® Gears, Pulleys and Simple Machines

Workshop	Gears, Pulleys and Simple Machines
Key Stage	Key Stage 1-2
Age Group	5 - 11
PoS	Science (Forces)
Course Description	Observe and investigate gears, wheels, axles,
	levers and pulleys we find in everyday life. Using
	the LEGO Education Simple Machines Kits, pupils
	become LEGO Engineers and construct their very
	own mechanical LEGO model
Duration	45 Minutes
Equipment	LEGO Education Simple Machine Sets
	Instructions
Capacity	30 students
Lesson Objectives	✓ Understand how gears and pulleys
	benefit everyday life
	✓ Recognise that some mechanisms allow
	a smaller force to have a greater effect
	✓ Be able to follow a LEGO build guide to
	create a working mechanism







015 The LEGO Group.