

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	<ul style="list-style-type: none"> ✓ 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

