

Workshop	Gears and Pulleys
Recommended Year Groups	1-3 (We recommend having a ratio of 1:3 teachers to encourage optimal outcomes)
Subject	Design Technology Science
Course Description	Using LEGO® 45401 BricQ Motion Essential, students will observe and investigate where we find gears, wheels, axles and pulleys being used in everyday life. Pupils become LEGO® Engineers and construct their very own mechanical LEGO® model.
Duration	45 minutes
Equipment	LEGO® 45401 BricQ Motion Essential
Capacity	30 students
Lesson Aims and Objectives	<ul style="list-style-type: none"> <li>✓ Explore and use mechanisms</li> <li>✓ Develop the creative, technical, and practical expertise needed to perform everyday tasks confidently</li> <li>✓ Listen and respond appropriately to their peers</li> <li>✓ Give well-structured descriptions, explanations, and narratives for different purposes</li> </ul>

