** LEGO®** Gear and Pulleys

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| 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® bricks, 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® bricks |
| Capacity | 30 students |
| Lesson Aims and Objectives | * Explore and use mechanisms * Develop the creative, technical, and practical expertise needed to perform everyday tasks confidently * Listen and respond appropriately to their peers * Give well-structured descriptions, explanations, and narratives for different purposes |