

Workshop	Catapult
Key Stage	Key stage 2
Recommended Age Group	8 to 11
Programme of Study	Science, Technology, Engineering, Maths
Workshop Description	Let's build a catapult! Build and test models that use first class levers. What changes make the catapult project further? Students will investigate: Pivot, effort and load First class levers Measure with standard units of measure Predict outcomes of various trials
Duration	45 minutes
Equipment	LEGO Education Simple Machines sets
Capacity	30 students per session
Lesson objectives	<p>Science:</p> <p>Motion and Stability - Forces and Interactions Cause and effect - Mechanism and explanation Systems and system models Stability and change</p> <p>Design &amp; Technology:</p> <p>Assembling Components Evaluating Game Design</p> <p>Vocabulary:</p> <p>Pivot Load Effort</p>

SCHOOL PACKAGES	
Peak entry (May to July)	£6 per child
Off Peak entry (Jan to April & Sep to Dec)	£4 per child
Add an educational workshop to your visit	+£2 per child
Upgrade to visit SEA LIFE on the same day	+£3 per child
1 free supervisory adult place for every 5 children. Extra adults above this are £7.50 per person.	

## HOW TO BOOK

Call our Call Centre on 0871 226 5448 (Calls cost 13p per minute plus network extras)

or fill out the provisional school booking form online by visiting

<https://manchester.legolanddiscoverycentre.co.uk/groups-schools/school-trips> Or by clicking [HERE](#)