

Workshop	Spinning Tops
Key Stage	Key stage 1
Recommended Age Group	5 to 7
Programme of Study	Science , Design and Technology
Workshop Description	Exploring the effects of gearing, and balanced and unbalanced forces on the movement of an object. Can you build a device that can make a spinning top spin? What changes can be made to make it spin for longer?
Duration	45 minutes
Equipment	LEGO Education Simple Machines sets (provided)
Capacity	30 students per session
Lesson objectives	<p>Science:</p> <ul style="list-style-type: none"> <li>• Energy • Fair testing • Measuring • Movement</li> </ul> <p>Design and Technology:</p> <ul style="list-style-type: none"> <li>• Combining materials • Evaluating • Game design • Gears</li> </ul> <p>Vocabulary:</p> <ul style="list-style-type: none"> <li>• Gearing up • Speed • Spin • Stable / Unstable</li> </ul>

#### SCHOOL PACKAGES

Peak entry (March to August)	£7.95 per child
Off Peak entry (September to February)	£6 per child
Add a LEGO educational workshop to your visit	+£2 per child
Upgrade to visit SEA LIFE on the same day (Peak)	+£4 per child
Upgrade to visit SEA LIFE on the same day (Peak)	+£3 per child
Add a SEA LIFE workshop to your combi visit	+£2 per child
<p>1 free teacher/assistant for every 3 pre-school pupils.            1 free teacher/assistant for every 5 primary school pupils.            1 free teacher/assistant for every 10 secondary school pupils.            Additional teachers: 30% off adult standard entry</p>	

#### HOW TO BOOK

Call 0161 6292058

or fill out the provisional school booking form online by visiting:

[www.legolanddiscoverycentre.com/manchester/groups-schools/schools/](http://www.legolanddiscoverycentre.com/manchester/groups-schools/schools/)

Or by clicking [HERE](#)