

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
Capacity	30 students per session
Lesson objectives	<p>Science:</p> <ul style="list-style-type: none"> • Energy • Fair testing • Measuring • Movement <p>Design and Technology:</p> <ul style="list-style-type: none"> • Combining materials • Evaluating • Game design • Gears <p>Vocabulary:</p> <ul style="list-style-type: none"> • Gearing up • Speed • Spin • Stable / Unstable

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](#)