

Workshop	Robotics: Design & Control
Key Stage	Key stage 2 & 3
Recommended Age Group	8 to 14
Programme of Study	Computing
Workshop Description	Utilising the LEGO® Education WeDo Construction Sets, students will work in pairs to build and program their own interactive model. Covering key Computing topics including: Writing and debug programs; adding repetition; working with various forms of input and output; problem solving.
Duration	45 minutes to 1 hour.
Equipment	LEGO® WeDo Construction Sets. Tablet Computers. LEGO® WeDo Construction and Programming Database.
Capacity	30 students per session
Lesson objectives	Students will learn key terms in computer programming and understand their role in day to day life. Students will understand what they are inputting and how this affects the actions of their model. Through effectively working in pairs, students will collaborate to follow numbered building instructions to create and program their model, bringing it to life.

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](#)