

Workshop	Seesaw
Key Stage	Key stage 1
Recommended Age Group	5 to 7
Programme of Study	STEAM, Science, Technology, Math
Workshop Description	<p>Exploring balances and forces, pivots, levers and weight. Can you build a seesaw that will balance?</p> <p>Students will learn about:</p> <p>How movement can be described in many ways.</p> <p>How levers, pivot point, weight and loads affect balancing.</p> <p>How cause and effect can be explored in mechanical systems</p>
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"> Balancing Forces Energy Levers Non-standard Measuring Pivots <p>Design & Technology:</p> <ul style="list-style-type: none"> Assembling Components Evaluating Game Design <p>Vocabulary:</p> <ul style="list-style-type: none"> Balance Mass Position Weight