

## EARLY STAGE 1

Topic	Description
<b>World Around Us – Famous Landmarks!</b>	<p>In our one hour incursion for Kindergarten, students construct BRICKS 4 KIDZ models utilising our very own in-house Colour Kits, full of bright and fun LEGO® Bricks!</p> <p>The models involved are from our <i>Brick City</i> unit. Students work in pairs to construct world famous landmarks, such as the <i>Eiffel Tower</i>, <i>Tower Bridge</i> and the <i>Pyramids of Egypt</i>.</p>
<b>Living World – Sea Creatures!</b>	<p>In our <i>Sea Creatures</i> incursion, students construct BRICKS 4 KIDZ’s <i>crab</i> models utilising our Colour Kits. The incursion focuses on the features of living things, their environment and how they change and reproduce!</p> <p>This model is from our <i>Under the Sea</i> unit, incorporating interesting facts about animals and their body parts whilst investigating some of the early foundations of maths.</p>
<b>Physical World – Car</b>	<p>This incursion is a STEM Inquiry unit that considers the question “<i>Why do things move?</i>”! The incursion commences with a brief lesson on <i>movement</i> and <i>change</i>, concepts that we all need to understand to make sense of the world around us.</p> <p>Through discussion, students explore the physical characteristics of a car and the effects of these on how they move.</p> <p>The students construct amazing vehicles with motors and batteries to make their creations come to life. Concepts explored include <i>informal</i> and <i>formal units of measurement</i>.</p>

The cost for our one hour Early Stage 1 incursion is \$13.50 + GST for up to 30 students in each class.



## STAGE 1

Topic	Description
<p><b>Life Cycle – Butterfly</b></p>	<p>This incursion is a STEM Inquiry unit that considers the “<i>Life Cycle of a Butterfly</i>”!</p> <p>Our one hour Incursion for Year One, students construct our BRICKS 4 KIDZ <i>butterfly</i> model utilising our very own in-house Project Kits using LEGO® Technic, a line of LEGO® interconnecting plastic rods and parts. The purpose of LEGO® Technic is to create more advanced models with more complex technical functions, compared to the simpler brick-building properties of normal LEGO®.</p> <p>The <i>butterfly</i> model is from our <i>Amazing Animals</i> unit. Students work in pairs to build a <i>butterfly</i> using our Project Kits.</p>
<p><b>Physical World – Crane</b></p>	<p>This incursion is a STEM Inquiry unit. <i>Look out your window and you will see a constantly changing world!</i></p> <p>The incursion commences with a brief lesson on city planning and how city buildings are constructed over time. Through discussion, students explore how the advancement of technologies have allowed humans to build bigger and larger buildings and landmarks.</p> <p>The students construct a <i>crane</i> with motors and batteries to make their creations come to life!</p>

The cost for our one hour Stage 1 incursion is \$13.50 + GST for up to 30 students in each class.



## STAGE 2

Topic	Description
<b>Laws of Motion</b>	<p>This incursion is a STEM Inquiry unit. <i>What goes up must come down!</i></p> <p>In our one hour Incursion for Year Three and Four, students construct a BRICKS 4 KIDZ <i>Carousel Swing</i> model utilising our Project Kits.</p> <p>Students explore gravity's effect on an object and discuss gravity and the different ways they experience it in their lives!</p>
<b>Space – Moon Orbit</b>	<p>This incursion is a STEM Inquiry unit. <i>What does it mean for something to be "in orbit"?</i></p> <p>In our one hour Incursion for Year Three and Four, students construct the BRICKS 4 KIDZ <i>moon orbit</i> model utilising our Project Kits.</p> <p>Students explore the force of gravity and how it is different on each planet due to mass!</p>

The cost for our one hour Stage 2 incursion is \$13.50 + GST for up to 30 students in each class.



## STAGE 3

Topic	Description
<p><b>Sustainability Incursion – Solutions for the Real World</b></p>	<p>This incursion is a STEM Inquiry unit. <i>How can people use place and environment more sustainably?</i></p> <p>The BRICKS 4 KIDZ approach to learning is imaginative, multi-sensory and fun, creating a dynamic learning experience for children. In this incursion, students design and construct a representation of how we treat our environment and find more sustainable solutions.</p> <p>Students utilise BRICKS 4 KIDZ Project Kits, model plans and Creative Play LEGO® to create prototypes of their ideas and solutions.</p> <p>In the 120 minute sessions, Stage 3 students will be provided with different challenges and tasks to complete. Students will work in pairs or small groups to foster collaboration, teamwork and problem solving skills.</p>
<p><b>LEGO® MINDSTORMS® Robotics Incursion</b></p>	<p>LEGO® MINDSTORMS® is a hardware and software structure which is produced by LEGO® for the development of programmable robots based on LEGO® building blocks. Each version of the system includes an intelligent brick computer that controls the system, a set of modular sensors and motors, and LEGO® parts from the Technic line to create the mechanical systems.</p> <p>We offer a two- or four-hour program designed to engage students with concepts of Coding and Advanced Robotics with our LEGO® MINDSTORMS® kits that we supply!</p> <p>The programs is designed to provide students with an introduction to MINDSTORMS® and familiarisation with kits and software in a play-based environment.</p> <p>Students will need to construct their model in pairs before moving onto complete programming challenges using the MINDSTORMS® software!</p>

Please contact us for pricing for these programs.



## WHOLE SCHOOL

Topic	Description
<b>Amusement Park</b>	<p>We offer a brilliant team building incursion, involving students building an Amusement Park collectively!</p> <p>For this incursion, we aim to have students build and design an Amusement Park using our BRICKS 4 KIDZ Project Kits, model plans and Creative Play LEGO® in 100 minutes.</p> <p>Students will need to plan and build tickets booths, emporiums, performance spaces, facilities and food-and-beverage outlets that line both sides of Main Street as well as the railway that connects Amusement Park guests to all of the different lands within the park!</p>

Please contact us for pricing for these programs.

## CONTACT US!

We always love hearing from people! So if you want to join a workshop, have us host your next birthday party, or just have something to say, give us a SHOUT!

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