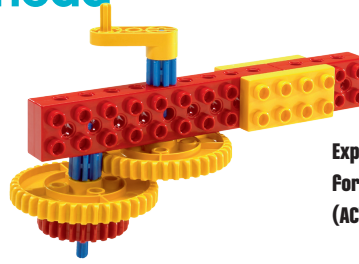
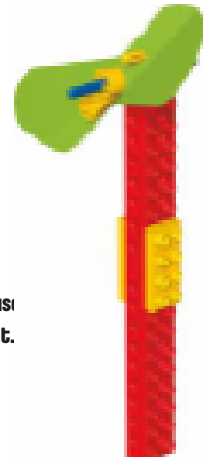


Virtual STEM Learning Labs:



Explore how technologies use Forces to create movement. (ACTDEK002)

Grade F/1/2 Full Steam Ahead

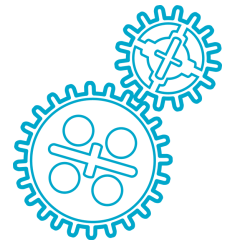
1. Mechanical Toys (1hr)

Machines are used in our lives every day. When children understand how they work they can apply that knowledge to become interested to work as young scientist and engineers. In this STEM learning Lab students build a whirly-gig and spinning top to explore gears, while discovering how real toys work.

Grade 3/4 Building STEM Skills

2. Great Gears Go-Round (1hr)

Get your students into gear with STEM and discover how the real world works. In this STEM Learning Lab students investigate mechanical principles of gearing, engage in scientific inquiry and design engineering while building a merry go-round and exploring how gear ratios change the speed of the ride.

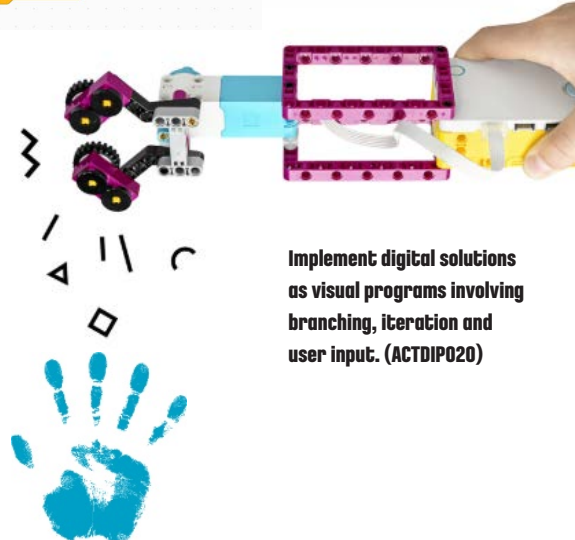
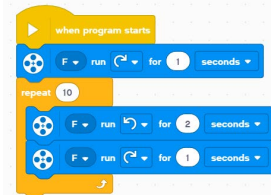


Investigate how Forces and the properties of materials effect the behavior of a system. (ACTDEK011)

Grade 5/6 Create Code Innovate

3. Robograbber (1 hr)

What makes students successful in STEM is the confidence to create. In this workshop students will use the design process to investigate solutions to the real-world problem of "Clean up Australia". They will build, test, and evaluate their robotic prototypes using LEGO Education SPIKE Prime and scratch-based coding. (School supplies student devices with app loaded.)



Implement digital solutions as visual programs involving branching, iteration and user input. (ACTDIP020)

Less than \$10 per student Book Now!

Virtual STEM Learning Labs Cost:

\$550 ex gst for 2 x 1 hour class for 28 students*

\$800 ex gst for 3 x 1 hour classes 28 students per class*

Includes delivery and pickup of 14 sets!

*using the same resource for multiple classes

Name:					Date:		
School:					Time:		
Address:							
Phone:					Mobile:		
Email:							
Virtual STEM Learning Lab	1. x	2. x	3. x		Grade level		

Virtual Master Builder Labs:

Grade F-2 Master DUPLO Builders (1hr)

Children are born curious and eager to learn. Learning to learn, with their own DUPLO pack, including two fun DUPLO people, children will create and collaborate to build tall towers, strong bridges and their own designs. They will also be developing their collaboration, communication, critical thinking, and problem-solving skills. Most importantly, students will be able to continue learning to learn in a playful way with extra activities and the 28 DUPLO packs kept at your school.



Grade 3-6 Master LEGO Builders (1hr)

Get your students engaged and discover how creative and collaborative they can be. In this Master Builders Lab each child will have their own pack of 72 LEGO pieces to create and construct.

Constructionism starts with the belief that children learn best when they experience things first-hand, within a meaningful context. Unlike simply memorising abstract principles, hands-on experimentation with concrete materials leads to deeper engagement and more memorable learning, especially when children feel that their work is relevant. These 28 LEGO packs along with extra curriculum, are kept at your school to continue the playful learning.



Master Builder Labs Cost:

\$550 ex gst for 1 x 1 hour class (28 students)

Includes delivery of 28 sets kept by the school.

\$700 ex gst for 2 x 1 hour classes*

*using the same resource for multiple classes

\$800 ex gst for 3 x 1 hour classes*

Name:	Grade level
School:	
Address:	
Phone:	Mobile:
Email:	
Date	Time

Grades PKR/1
MASTER DUPLO Builders

Grades 3/4/5/6
MASTER LEGO Builders