

INS-PI-RE WORKSHOPS

Subject	Activity	Description
SCIENCE	Lemon Battery experiment	Let us use household lemons to create a battery and operate a tiny LED
SCIENCE	Colour mixing experiment	We will use coloured water and cloth to show how colours mix with each other to form new colours
TECH	Create and operate a Mini Robot	Using our kits, build a mini robot
TECH	Create and operate a Hydraulic arm	Using our kits, build a Hydraulic arm
ENGINEERING	Gamification through App Development	Build fun games using block based coding
ENGINEERING	Spagetti bridge experiment	Use Spagetti to build a fun brige that can withstand weight
MATH	Fractions & Decimals	Learn Fractions & Decimals and attend a test
MATH	Probability & Algebra	Learn Probability & Algebra and attend a test
PUBLIC SPEAKING	Build a Brand Tagline and showcase	Students are presented with real world brands and encouraged to build and present their own brand based on their interests