

# WINTER CAMP 2022

Juniors

Rove Hotel, Downtown

Week/ Dates	STEM	Technology
<b>Week1</b> 12/12 to 16/12	<b>Comics and Superheroes</b> Have fun doing STEM activities inspired by favourite superhero characters like exploring the power of super stretchiness, making Ninja star boomerang, making their own invention	<b>Artificial Intelligence</b> With fun and engaging projects, learn how to train the computer to recognize face, speech, characters, gestures etc. Learn what goes into the training and coding of the computer to make it smart
<b>Week2</b> 19/12 to 23/12	<b>Electric Circuits</b> Learn the science behind how the electricity works, how switches control the electricity to the lights, and about electricity and magnetism.	<b>WeDo 2.0</b> Design, create, and code great science projects with LEGO elements, motors, and sensors, and code them using an easy, intuitive, coding interface. All the activities are new
<b>Week3</b> 26/12 to 30/12	<b>Science of Sound and Music</b> Sound is everywhere! With fun activities, learn how sound waves travel, create a device that can amplify sound, and create musical instruments	<b>3D Modelling</b> Learn to create 3D designs using CAD software while gaining a different perspective on the shapes of everyday objects and developing an understanding of different views of the shapes thereby improving the spatial imagination skills

