

WINTER CAMP 2022

Juniors

Studio One Hotel, Studio City

Week/ Dates	STEM	Technology
Week1 12/12 to 16/12	Comics and Superheroes 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	3D Modelling 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
Week2 19/12 to 23/12	Science of Sound and Music Sound is everywhere! With fun activities, learn how sound waves travel, create devices that can amplify sound, and create musical instruments	Artificial Intelligence 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
Week3 26/12 to 30/12	Electric Circuits Learn the science behind how the electricity works, how switches control the electricity to the lights, and about electricity and magnetism	WeDo 2.0 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

