

FEBRUARY HALF-TERM CAMP

Rove Hotel Schedule

The recent conclusion of the Dubai International Kite Festival celebrated the windy weather in Dubai. We take this opportunity to introduce the students to our wind-themed activities. With these activities, we delve deeper into understanding more about wind.

Group: 7-9 year-olds
Timings: 9:30 am to 1:30 am
Cost: AED 825/-

Date	STEM activity	WeDo 2.0
14/02/22	Solar Updraft Tower Investigate how winds are formed with this activity	Cooling Fan/Spy Robot Introduction to the WeDo 2.0 kit. Build an introductory robot – glowing snail. Explore the WeDo 2.0 programming software.
15/02/22	Anemometer Build an instrument that measures the speed of the wind	Drop and Rescue Build a helicopter that can be used in a weather-damaged area. Explore the gear mechanism.
16/02/22	Wind Vane Build an instrument that measures the direction of the wind	Plant and Pollinator Create and program a model of a bee and flower to mimic the relationship between the pollinator and plant
17/02/22	Pinwheel & Kite Make a kite in the shape of a bird and discover what makes it fly high in the sky	Hazard Alarm Create and program a device that could warn people to take action because dangerous weather is coming
18/02/22	Sail Car Build a car that works on the wind. Reiterate the design to find out what it takes to make the fastest sail car	Grabbing Objects Build a robotic hand that can grab different objects. Program it to open and close when it detects an object

Studio One Schedule

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Group: 7-9 year-olds
Timings: 9:30 am to 1:30 am
Cost: AED 825/-

Date	STEM activity	3D Modelling and Printing
14/02/22	Solar Updraft Tower Investigate how winds are formed with this activity	Introduction - House Introduction to 3D printing and the software. Start with a simple project of designing a house.
15/02/22	Anemometer Build an instrument that measures the speed of the wind	Windmill Design a working model of a windmill. Understand how 3D printing can be used to design various objects used in daily lives
16/02/22	Wind Vane Build an instrument that measures the direction of the wind	Wind Vane Design a working model of a Wind Vane. Test if the design works
17/02/22	Pinwheel & Kite Make a kite in the shape of a bird and discover what makes it fly high in the sky	Flute Design a wind instrument - flute. Explore the working of a wind instrument
18/02/22	Sail Car Build a car that works on the wind. Reiterate the design to find out what it takes to make the fastest sail car	Whistle Design a working model of a whistle - a wind instrument.