

## Robotics Holiday Program April 2021

Venue: St Ives Park Public School



### H01. Programming LEGO WeDo2.0 with Scratch3.0 and Video Game Design

Date & Time: 9:30am-3:30pm on **12th & 13th Apr 2021**

Suggested Age Group: Y3 - Y5

Difficulty: Moderate

Cost: \$220

Students design projects by using Scratch3.0 on LEGO WeDo equipment and integrate WeDo robots and animation or video games on computer screen.

### H11. LEGO SPIKE Prime Sporting Game

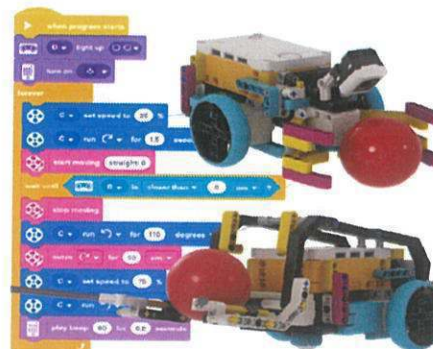
Date & Time: 9:30am-3:30pm on **14th & 15th Apr 2021**

Suggested Age Group: Y3 - Y5

Difficulty: Moderate Pre-Requisite: None

Cost: \$220

Students build and program Spike Prime robots for different level programming challenges to play ball games.



## SUMOBOT

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### H03. LEGO EV3 Sumobot Design and Programming

Date & Time: 9:30am-3:30pm on **16th Apr 2021**

Suggested Age Group: Y4 and above

Difficulty: Moderate

Cost: \$110

Students learn how to program an EV3 robot to compete for sumo wrestling by using EV3-G or Scratch (EV3 Classroom) programming environment.

**Booking URL:**

<https://www.trybooking.com/BPMUY>

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