

STEM Term overviews

Kindergarten - The students will continue the robotics program identifying what actions the robots need to perform to complete various tasks. They will then place these instructions within the software programs *Go and Path*.

Year 1- This Term Year 1 is continuing to learn about sound and how it is represented. They will create a sound representation demonstrating their understanding of pitch and duration.

Year 2- This Term Year 2 will continue being chemical engineers. They will experiment with materials, identifying solids and liquids. From their observations they will then order a process to make playdough.

Year 3- This Term Year 3 will continue the Lego EV3 Robotics program. They will be using their understandings of programming and combine these skills to complete a driving test.

Year 4- This Term Year 4 will continue the Lego EV3 Robotics program in which they will use various sensors to complete a set of challenges. They will explicitly learn how to use the colour sensor and how to make the robot follow a black line.

Year 5- This Term Year 5 will continue the Lego EV3 Robotics program in which they will use various sensors to complete a set of challenges. They will explicitly learn how to use the colour sensor, programming the robot to make decisions in order to stay on track.

Year 6 -This Term Year 6 will continue the Lego EV3 Robotics program in which they will use various sensors to complete a set of challenges. They will explicitly learn how to use the colour sensor, programming the robot to make decisions in order to stay on track.