

STEM

During the fourth term, students in Years 5 and 6 will investigate and describe how people use Science, Technology, Engineering and Mathematics in their everyday lives.

Students will use their engineering knowledge to design a safe seat for their billy cart. They will draw detailed designs of their billy cart seats that will include key safety features and measurements that they will use when constructing.

Students will explore a range of digital technology. They will use LEGO Spike to create a robotic creature and then adapt this to change the features and increase the range of movement of their robot. Students will use the Spheros to design and create a maze that their Sphero can navigate, or program their Sphero to complete a simple piece of art. They will program a Bluebot to dance in time with a chosen song. Students will also work cooperatively to complete construction challenges using K'nex.

