

# Amateur Radio Club

This is a STEM club, focussing on amateur radio. It involves learning about the radio component of the electromagnetic spectrum, and how we are able to use radio waves to communicate around the world on HF, VHF and UHF bands.

You will learn some electronic theory around basic components, resistors, capacitors, inductors, diodes, transistors, transformers etc), the propagation of signals through the atmosphere and beyond, the structure of receivers and transmitters, how to construct antennas and how to make contacts with other radio amateurs. If you like, you will be supported to sit the Foundation and Intermediate radio amateur examination. The school has a amateur radio station and we regularly operate this to communicate with other stations.



**To sign up to Amateur Radio Club please click on the link below:**



**Sandringham School**

*'Everybody can be Somebody'*