THE GAP
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**BY STUDENTS FOR STUDENTS**

# Drone:
# Fly and Code Challenge

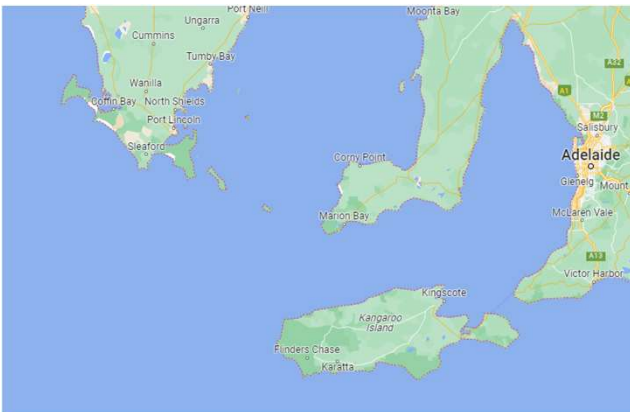**SCAN to Register**

# Launch+
# 2023

**TERM 3 Drone PROGRAM**

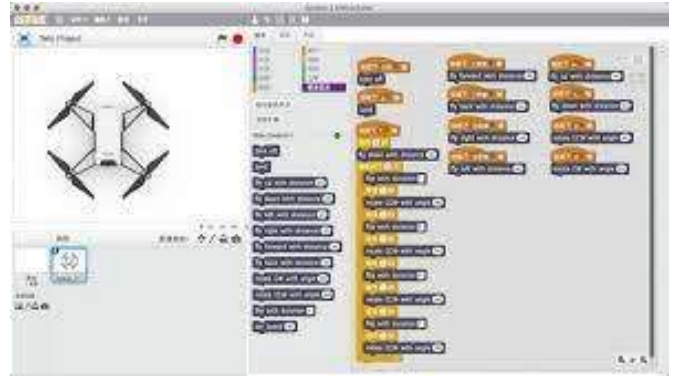# Launch+ Workshops – Term 3
## Drone Drop Challenge

### The brief

o An emergency call has been received by the SES centre. A sailor venturing across the ocean from Port Lincoln in Western Australia to corny point on the edge of Adelaide is suffering severe heat stroke and is urgently required medical attention. Being half way across to his destination and on the brink of unconsciousness it is not efficient enough to make it to the sailor's current location in time as speed boat access can be risky in the choppy and rocky environment. You and your team will need to employ your drone flying skills to retrieve and deliver a medical pack as close as possible to the sailor to assist himself before he cannot any longer.



### What you will do

o Using a range of material we will construct a dispatch centre and a landscape for the rescue. Other obstacles will be provided to challenge your flight skills. You will also begin to learn flight sequences of taking off, landing with precision and linear movement. Once you have mastered the manual flight controls you will begin flight path training with different degrees of difficulty.



You will also learn how to pre-program the drone in order to comply with local aviation regulation and "no-fly zones". The drone will need to be program to ensure a flight does not pass directly restricted areas such as airports and government military assets. Such areas will be identified on the course map and with props.

### Details
*Course Price:*
$75 per student

*Time:*
Every Thursday: 3:00 – 4:30pm
Every week **for Term 3.**
*What You Need:* *Your* smile
**Whereto Meet:** The Gap State High School  Room Q42

### LIMITED POSITIONS – 14



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