



**TRINITY BAY HIGH SCHOOL**  
PROFESSIONAL EXPERIENCE

# SHE FLIES GEOSPATIAL DAY 1

- 8:00 Welcome, Admin
- 8:15 Drone operations & mission planning:  
To drone or not to drone? Rules & regulations, Useful apps; Planning timeline; Flight logging
- 9:00 Manual flight discussion & non-flight prac:  
Bebop 2 hardware; Firmware updates; Drone naming; Free Flight Pro interface; Camera specifications; Compass calibration; Safety checks; FPV; Sky Controller
- 10:00 **Morning Tea**
- 10:20 Flight planning & non-flight pra:  
Considerations; App interface; Creating, saving, retriieving a mission; Caching image data; Bugs & limitations
- 11:30 **Move to Centenary Park, Trinity Beach. Lunch on the way?**
- 12:30 Safety Checks
- 12:40 Drone set up and manual flight - tablet & Sky Controller
- 1:30 Executing missions
- 2:30 Troubleshooting scenarios
- 3:30 Field data capture
- 4:00 **Close**



# SHE FLIES GEOSPATIAL DAY 2

- 8:00 Welcome, Admin
- 8:10 Recap, questions, uncertainties  
Pre-processing:  
Mosaics; 3D models
- 8:30 Setting up GIS projects:  
Adding base maps; projections; raster & vector;  
displaying data; layers; symbology / style
- 10:00 **Morning Tea**
- 10:20 Georeferencing; Analysing imagery; Creating &  
editing map features; snapping
- 12:00 **Lunch**
- 12:45 Basic spatial analysis & geoprocessing
- 2:30 **Afternoon Tea**
- 2:45 Making maps
- 3:45 Wrap up & evaluation
- 4:00 **Close**

