

Part 2 - session planner

Course		Drones The New Literacy		
Teacher		Warragul Community House.		
		WHAT to learn	HOW to learn	Review and changes
Session Dates		Include employability, numeracy and literacy skills. Indicate acknowledge activities		
		What will your learners know and be able to do?	How will you deliver, judge progress and evaluate?	How is it going? What adjustments are needed?
1	10am – 3.30pm	Introduction to course and drones. Reviewing participants current knowledge levels Understand the importance of employability skills Demonstration by Drone pilot. Pilot question and answer session reinforce safety regulations and rules. Discuss different types of Drones. Introduce Drone Simulator, “Can I fly there App” Introduction to Moodle (communications platform)	Deliver using a variety of mediums, presentation, video, quiz, Q&A, blogging. There is a full set of links and resources available on the SEV Connect Moodle: https://gippslandlearnlocal.trainingvc.com.au/course/view.php?id=221	Interview students prior to understand knowledge levels more in depth
2	10am – 3.30pm	Safety procedures of flying drones. CASA Regulations knowledge. Practical drone flying experience. Introducing Drone controls. Put together Drones as a group then groups use actual drones Practice using the controls on the simulator “Take-off and landing”	Practical, video, CASA quiz, Industry Speakers, Drone practice. Reflections on Moodle	Drone quality: 2 x for learners 2x once experienced Extra batteries Guest speakers are invited in a timely manner to ensure attendance.
3	10am – 3.30pm	Drone Terminology, Different types of drones, Drones & Privacy	Practical, video, handouts, drone flying, Industry Speakers, review communications, feedback.	

		<p>Video project introduction: Video editing program “Photos” Windows 10</p> <p>Introduce Drone Activity Cards to be used outside in groups</p>	<p>Laminated copies of Drone Activity Cards hoops ropes tape and other possible equipment.</p>	
4	10am – 3.30pm	<p>Drone Research, Apps and Photo/Video Editing</p> <p>Research on New Drone Industries and jobs</p> <p>Outside flying using activity cards</p> <p>Handout: 10 Drones in industry and a PMI to report back to the group</p> <p>Use Blank Activity cards for students to start writing up new activities</p> <p>Continue with video work.</p> <p>Guest speaker: local photographer.</p>	<p>Using Apps and Software, drone flying, Industry Speakers.</p>	<p>Access to computers and internet.</p>
5	10am – 3.30pm	<p>Becoming a drone pilot, work in the industry, opportunities & pathways.</p> <p>Research from Moodle Blog one of the articles sighted. Make notes and prepare to present to the group.</p>	<p>Practical, video, drone flying, Industry Speakers</p>	<p>Industry speakers are a crucial part of the course so students can relate to a real case scenario. Provides invaluable first -hand knowledge, excellent interaction and engagement with and between students.</p>
6	10am – 3.30pm	<p>Present research findings</p> <p>Continue video editing and work on projects</p> <p>Local Excursion: Ellinbank Research facility or another agricultural site using drones for research or enhancement. Local Real Estate or council.</p>	<p>Drone flying, Powerpoint, video editing software</p> <p>Guest speakers</p> <p>Series of Ted talks outlining different uses of drones. Facilitate group discussion on content either in small groups to feed back or as a whole group. What are the ethical questions?</p> <p>Drone quizzes</p>	<p>Ensure software is available for students to access.</p>

7	10am – 3.30pm	Filming & Videoing – Develop a training video related to drone activity.	Practical videoing & photographing using drones, editing the videos & photos using software and apps	This is vital for students to edit their own photos and videos.
8	10am – 3.30pm	Reviewing drones, understanding different controls, drones manuals and apps. How to build a drone. Looking at variety of YouTube links students work out materials and costings for how to build a cheap drone and a more expensive drone.	Apps, manuals, practical flying experience, video	
9	10am – 3.30pm	Applying for CASA , introduction to different drone groups across Australia and Globally. Popular drone flying spots. Planning your drone flying with maps and apps.	Drone flying, Apps, Google, industry speakers. Ted Talk Zipline providing blood products to hospitals in Rwanda Research what uses could Drones have in Outback Australia.	
10	10am – 3.30pm	Starting up your own drone business. Different business opportunities and drone applications.	NEIS, Industry Speakers, Grant websites Guest speaker: Real estate industry	
11	10am – 3.30pm	External site visit for students to experience different terrain and also to showcase their practical learnings.	Drone flying. Environment scanning, OH&S identification. Practical videoing & photographing using drones, and utilizing apps	
12	10am – 3.30pm	Final Presentation	Communication skills, showcasing video production skills, completion of course.	Ensure Certificate of Attendance is available for each student completing.