

LESSON PLAN

<p>MAIN IDEA Week 1 Introduction to the equipment to be used and safety guidelines.</p> <p>OBJECTIVES</p> <ul style="list-style-type: none"> • Setting up a radio station. • Introduction to HF, UHF, VHF, CB. • Communicate over a handy talkie. 	<p>EVALUATION</p> <ul style="list-style-type: none"> • Did everyone participate in the activities? • Can everyone say their name over the radio using the phonetic alphabet? • Was the safety message understood?
<p>ACTIVITIES WITH TIME FRAME</p> <p>a) 10 minutes . Rules and Safety. – Electricity. Keeping personal details off the air. What to experiment with and what not to touch. “Always listen twice as much as you talk”.</p> <p>b) 10 minutes . Set up the station. Understand the basic parts and how they work together. Work on a systematic procedure for the weekly set up. SPLIT INTO TWO GROUPS. ROTATION</p> <p>c) 20 minutes . Practice talking to each other using the phonetic alphabet. Once confident split off and use UHF handy talkie to communicate, making sure the contact is clear and understood by both TX RX.</p> <p>d) 20 minutes . Demonstrate and understand rules on the operation of the Yaesu FT857D HF transceiver. Students take turns operating radio. Identify USB, LSB, AM, FM, CW, Digital signals.</p> <p>Possible closing activity</p> <p>e) 5 minutes If time conduct a quiz on the topics from the session.</p>	
<p>RESOURCES NEEDED</p> <ul style="list-style-type: none"> • Radio and power source. • HF antenna, UHF/VHF antenna and squid pole. • Extension cord. • Laptop with ham software. • UHF CB handy talkies. • Safety props broken wires. • Laminated Alphabet sheets • Laminated station set up sheet • Laminated FT857D cheat sheet • Station log book 	