



UHF RADIOS

SELF-LED LESSON PLAN

PLEASE NOTE: YMCA staff will run the lead adult through this session in more detail prior to the session

OBJECTIVES

- > To be able to operate a UHF radio confidently
- > Develop team work in small teams
- > Explore the environment & have fun!

ORGANISATION

- > Ensure all UHF Radios are charged and ready to go
- > Ensure folder with question sheets and resources is ready to go

LEAD ADULT EQUIPMENT

- > UHF Radios (CHANNELS TO USE CH 3 AND CH 4, IF CH 3 IN USE)
- > Folder with questions / games
- > Pen
- > Appropriate clothing for the conditions

STUDENT EQUIPMENT

- > Appropriate closed toed footwear and clothing for the conditions
- > Hat / Sunscreen / water bottles

ACTIVITY

- > Ensure group has suitable clothing and footwear
- > Brief any adults on their role in the session

BRIEFING

- > Introduce yourself & learn participant's names.
- > Situate your group in an appropriate location away from distractions
- > Boundaries – same as your side boundaries (No going behind/under/on top of buildings, not going near staff housing and NO CROSSING ROAD)

SESSION

- > Give the group an overview of the session
- > Have a discussion about the history of radios and types there are (see resource sheet supplied)
- > Get group into two teams and get them to have team names (simple names)
- > Go through basic radio skills (on/off, channel, volume, lock, push to talk 'PTT' see resource supplied)
- > A reminder that the radios are NOT WATERPROOF!
- > Play a basic game to familiarise the group with the radios
- > Each team goes to a separate place & has to find out 3 pieces of information about the other team

- > Keep all groups on same channel
- > Call back after 5 mins
- > Debrief activity, asked what worked well? What didn't work and what we need to do to improve our radio skills? (channel, call sign...)
- > Teach group about radio protocol if they have not already done so

Explain the use of "over" / "over and out" / "roger that" etc

"Over" – when team has finished passing message over and awaiting a response

"Copy" – say as a reply to let sending team you understand

"Out" – Said to inform group that conversation is finished so no response needed

"Over and out" – Like in the movies it's actually a load of garbage

When wanting send message should be said like below:

Receiver, Receiver – other teams name x2

Sender – own team name

Message – what they would like to say

OVER – say when finished speaking

- > Talk about call signs (no numbers/ people's names – eg. 'crazy tigers' 'team awesome')
- > Try activity again with 3 different questions with specific groups on same channel, use of call signs, using radio protocol

ACTIVITY/GAME TIME!

- > Learn names in phonetic alphabet
- > Wainui questions
- > Lego challenge
- > Sardines
- > We will provide game resources

DEBRIEF

- > What did they learn about radios?
- > What did they really enjoy?
- > Can they remember their name in the phonetic alphabet?

PACKDOWN

- > Return all equipment dry and clean.
- > Place on charge. Ensure any used resources are replaced and all equipment is ready for the next session