

## Working with Country – Rangers

This module gives students examples of how they can have a job looking after their country.

### Magazine with activities

Maureen, Patrick and Ralph are Rangers from Wadeye, Thamarrurr and Galiwinku communities. They describe the types of work they do to look after their country.

Students will learn:

- the types of work rangers do to care for country, including weed spraying, back burning and sea rangers
- the numeracy needed to mix weed spray chemicals accurately and survey crocodiles
- to listen carefully to radio messages.



### Curriculum Links

PreVET reinforces and authentically contextualises curriculum learning. For detailed mapping, see [m1c-curriculum-mapping.xlsx](#)

#### Australian Curriculum Prior Learning

- English: Receptive mode – students identify information and explain how text structures assist.
- Mathematics: students use place value, number patterns and measurement.
- Science: students use equipment to make and record observations safely.

#### T-9 Net Diagnostic Continua

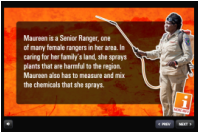
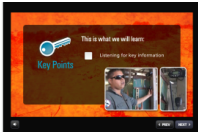

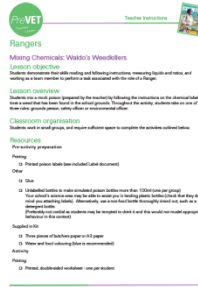
- Reading: Breaking the written code, Making meaning and Using text.
- Numeracy: Understanding numbers and how they work, Operating and calculating, Shapes and measurement

#### Australian Core Skills Framework

- Reading, Oral Communication Levels 2-3
- Numeracy Levels 1-3

# Overview of 1C Rangers – Activities

See [m1c-transcript-answers.pdf](#) for Activity Answers, [m1c-quiz-answers.pdf](#) for Quiz Answers.

|                           |   | Overview  | Key Vocabulary   | Teaching ideas   | Related Games  | Quiz Questions |
|---------------------------|---|---|--|--|--|----------------|
| A1 Landcare Duties        |    | This activity demonstrates how and why Rangers mix weedkiller safely and accurately.<br>Key points:<br>- Reading scales to measure accurately<br>- Plant identification and knowledge<br>Activity Worksheet – <a href="#">WeedWorksheet.pdf</a> | Millilitres<br>Litres<br>Accurate<br>Accurately<br>Grazon<br>Activator | Extend students' knowledge about why weeds grow well and why it is important to remove them.   | 1C.S3.A3 - Measuring Liquids (Scootle)<br>1C.S3.A5 - Measuring Liquids (Worksheet)   | 1, 2, 3, 4, 6  |
| A2 Radio Communication    |    | This activity demonstrates how Rangers communicate using radios.<br>Key points:<br>- Listening for key information  | Transmission<br>Key information  | In the Help Me game, have students read the exercise as if speaking over the radio and concentrate on tone, pitch, fluency etc   | 1C.S3.G1.1 - Help Me   | 9, 10          |
| A3 Crocodile Survey       |    | This activity demonstrates how data relating to crocodiles is collected and recorded, including marking crocodile scutes in a numeric code to identify and count individuals.<br>Key points:<br>- Applying knowledge of 100s, 10s and 1s.       | Scutes<br>Survey<br>Accurate<br>Accurately                             | Croc Attack – Discuss the shapes of the dice. You could create the dice on an interactive board if playing as a whole class or get students to design their own 10-sided dice.<br><br>Wish ball – there are multiple games of Wish Ball on Scootle, choose the ones that suit your students. | 1C.S3.G2.1 - Croc Attack<br>1C.S3.A1.1 - Place Value<br>1C.S3.A2.1 - Montessori Place Value<br>1C.S3.A4 - Wishball (Scootle) | 5, 7, 8        |
| Lesson – Mixing Chemicals |  | Students work together in a group to act as Rangers. They read and follow instructions, measure liquids and ratios and use equipment safely to make (pretend) weedkiller.   | Poison<br>Millilitres<br>Litres<br>Accurate<br>Accurately              | This activity has potential to go over time.<br><br>Invite a local Ranger or gardener in to your class to help with the activity and talk to the students about their role.  | 1C.S3.A3 - Measuring Liquids (Scootle)<br>1C.S3.A5 - Measuring Liquids (Worksheet)   | 1, 2, 3, 4, 6  |