

LESSON STRUCTURE

Lesson 1: Skip counting strategies

Teaching and learning plan and activities

Timing <small>(suggested timing sequence)</small>	Content	Pedagogy	Technology
5–10 min	<p>Introduction</p> <p>Students sitting on floor, in front of IWB.</p> <p>Begin with familiar number sequences, moving to more complex. A student begins building counting by twos starting at two sequences (multiples of two).</p> <p>Once a clear visual pattern is established, class counts in unison in time with the student marking the next number (steady counting pace). Ask a student to select one of the numbers in the sequence and class counts backwards from that number.</p> <p>Clear chart and ask a student to build the count-by-two sequence starting from 1. Repeat above procedure, noting similarities and differences between the two count-by-two sequences.</p>	<p>Teacher sitting to the side of the IWB, so student focused, with the students taking turns to operate the IWB. Teacher asking questions to engage the rest of the group.</p> <p>Questions to reveal strategies: What number comes next in the sequence? How did you work that out?</p> <p>Highlight counting-on and counting back strategy.</p> <p>Teacher extends students' knowledge by asking them to identify patterns they can see on the hundred chart and with the highlighted numbers, ie odds/evens.</p>	IWB and interactive hundred chart.
15–20 min	Repeat the above procedures with counting by threes, fives and tens – first the multiples, then with a different starting number.	Different students come to the board and are supported by the teacher and class to build the sequence.	
10 min	<p>Students work at desk individually to record a sequence of their choice on a paper hundred chart.</p> <p>Ask students to write about any patterns they see or how they worked out the next number.</p>	<p>Teacher moves around assisting as needed.</p> <p>Collect work samples.</p>	

Resources

- IWB with large interactive hundred chart
- Print resources – one hundred chart per student

Backup plan

Wall chart of hundred chart or flip number chart

Assessment ideas

- Observe students' confidence and strategies when building sequences on the IWB.
- Question individual students while they work on their own one hundred-chart sequence.
- Examine work samples.

Differentiated instruction

- Teacher scaffolding and peer support during IWB work.
- Self-selection of sequence for individual work.