

COUNT FORWARDS AND BACKWARDS BY 1s.

INVESTIGATIONS OVERVIEW PAGE

THIS PAGE IS A SUMMARY OF THE INVESTIGATIONS THAT STUDENTS MAY ENGAGE IN TO DEEPEN THEIR RELATIONAL UNDERSTANDING. INVESTIGATIONS WITH INSTRUCTIONS TO STUDENTS FOLLOW ON SUBSEQUENT PAGES.

- In pairs:
 - ▶ one child says a number and the other child counts backwards/forwards from the number
 - ▶ children take turns to say the next number in the backward sequence. For example, child 1 says '8', child 2 says '7', child 1 says '6', child 2 says '5', etc
 - ▶ children take turns to say the next number in the forward sequence. For example, child 1 says '1', child 2 says '2', child 1 says '3', child 2 says '4', etc.

Reflection: How can we count forwards and backwards?

- Children sit in a line. In turn, they stand as they say the next number in the forward sequence.
- Children stand in a group. When pointed to, they sit and say the next number in the backward sequence.
- Children sit in a circle. They roll a ball to one another, saying the next number in the backward/forwards sequence as they receive the ball.
- Children clap slowly as they say the backward/forward number sequence.
- Children clap and pat their knees in turn as they say the backward/forward number sequence.
- In pairs, children select a number on which they say 'zippo' instead of the number, for example, 6. They take turns to say numbers as the count backwards/forwards. The child whose turn it is to say '6', instead says 'zippo'. Children select another number on which to say 'zippo'.
- Read, and allow children to look at / read counting books.

Count Forwards and Backwards by 1s

Count forwards from 1.

Count backwards from 10.

Count forwards from other numbers.

Count backwards from other numbers.

Sit with a friend.

- Take turns to say a number and the friend counts backwards from the number.
- Take turns to say a number and the friend counts forwards from the number.
- Take turns to say the numbers as you count forwards.
- Take turns to say the numbers as you count backwards

Reflection: How can we count forwards and backwards?