

Hundreds-Chart Puzzles

Elaboration 2 · Locating pieces using the order of numbers

ELABORATION FOCUS

Recognising and locating the position of pieces within hundreds chart puzzles using knowledge of the order of natural numbers.

LEARNING INTENTION We are learning to use the number pattern in a hundreds chart to locate and complete puzzle pieces.

+1 right

−1 left

+10 down

−10 up

Cross decades

1

Learn the Moves

Right is one more, left is one less. Down is ten more, up is ten less.

2

Use the Centre

Start from the known middle number. Build the row with +1 and −1, the column with +10 and −10.

3

Check Row Endings

The tens digit changes at each new decade — watch 28, 29, 30 as the pattern continues.

MODEL ON A HUNDREDS CHART

Move right to add one and down to add ten — use the centre to name each piece.

46	47	48
56	57	58
66	67	68

From the centre 57: 56 is one less, 58 one more, 47 ten less, 67 ten more.

TEACHER MODELLING ROUTINE

I do → We do → You do

WATCH FOR

Adding 1 when moving down, or 10 when moving right — and reversing up and down.

REMEMBER

Right and left change the ones; up and down change the tens.

MATERIALS

Wall chart, cut puzzle pieces, blank 3×3 grids, digital hundreds chart.