

Building the number line to 120 activities

1 Extend by adding more tape

Children add masking tape to their existing 0–100 floor line, continuing the same spacing out to 120.

“Keep the same spacing as the rest of the line. Where does one hundred and ten go?”

“Keep going. Where does one hundred and twenty go?”

2 Fit 0 to 120 into the 0 to 100 space

Using the same length of floor or paper that used to hold 0 to 100, children work out how to fit 0 to 120 counting by tens into it instead.

“This space used to hold zero to one hundred. Can it still fit zero to one hundred and twenty?”

“What needs to change about the gaps to make it fit?”

3 Build a line with a different interval

Children build a number line for a given range and interval, such as 20 to 120 with 5 intervals.

“How many jumps are there between your start and end number?”

“What size should each jump be so the gaps stay even?”

4 Non-example: uneven spacing after extending

Someone adds 110 and 120 onto the end of an existing line, but the new gaps are a different size to the rest.

“Are the new gaps the same size as the gaps already on the line?”

“What should be fixed?”

Blank number line strip



Tick and label cards

0	1	2	3	4	5	6	7	8	9
10	15	20	25	30	40	50	60	70	75
80	90	95	100	105	110	115	120		