

## ***Up and down the number line game***

This activity can be used to teach:

- number recognition
- adding and subtracting using a number line,
- counting forwards and backwards from a number
- using a die to play a counting on game.

We use it here to teach how to count on from a given number

### ***Resources***

A4 number mats or cards 0 to 12, 0 to 20, desk top number path 0 to 30, etc

A selection of plastic animals or characters

A die showing numbers 1 to 6.

### ***Activity***

Once you have all built the number path and taken turns to walk it choose an animal each. Place the animals on zero.

Take turns to roll the die and move your chosen animal the correct number of places. The first to 12/20/30, etc is the winner. To start with this will be very tricky. There is a lot happening, taking turns, plastic animals, rolling a die, leaving your animal on the number to wait for the next turn, jumping the correct number of jumps displayed on the second throw of the die, a number which has nothing to do with the number you are on or the number you will jump to!



It may take several times before they all fully understand the game and the fact that someone has won.

Once you land on a number read the number – if your activity is reading numbers – which it will be initially.

## Later games

Move onto having a mixture of numerals and Numicon shapes on the die, having a +1, +2, +3 and 0 on the die (zero – stay where you are).



Eventually make your own game of snakes and ladders, up to 30 at most to start with and practice these skills further.