

Backward digit recall

These are computer games that children can find in the 'Games corner' at <http://www.education.ox.ac.uk/research/resgroup/cl/ndcs/index.php>

Within the games corner, the backward digit recall games will be under



To start, click on Level 1 ('Play' box)

A grid of 3 rows will appear on the screen.

Show the child the numbers on the screen and point out how the numbers are arranged from left to right on 3 rows. They must watch the positions of the numbers as this will help them remember each number when they need to say the numbers backwards.

Tell them that the numbers they need to remember will light up in a sequence, and they must remember them in the correct order. Encourage them to repeat this number to themselves.

Then they need to type in this number and click on 'Go' to move to the next screen.

Repeat procedure: child must repeat the numbers that light up, to themselves, type this number, and click on 'Go' (this procedure will be repeated more times in the following levels).

In Level 1 they need to remember 2 numbers, so 2 numbers, one after the other will light up.

In Level 2 they need to remember 3 numbers. And so on.

The next screen will show a grid without numbers, the child will need to type in the sequence of numbers that were high-lighted backwards, and click on 'Check'. The child will be presented with feedback.

If the child types in the wrong answer twice, a multiple choice options will appear. They will need to select one.

After they have typed in (or clicked) on the correct answer they should click on 'Next question'. **They must not click on the 'Next question' button until 'correct' feedback is given to the child.**

Two strategies that children should be encouraged to use:

1. To watch the position of the numbers by **asking them how they are going to remember the number**: 'What are you going to do?' 'How are you going to do it?'
2. To **practice** the numbers by **repeating** them to themselves.

Children should keep a record of the levels they have achieved; next time they play backward letter recall they should go to the following level.

Children will need to be reminded next time they go to play that they should start at the next level on.

(**) **IF** children struggle with the position of the numbers, use the following blank grid and ask them to point at:

'Where the 1 would be?'

'Where the 7 would be?'

'Where the 9 would be?'

