

Remembering Block Patterns

This activity again helps you improve your memory for things that you see. You will need the same blocks you used for the '**Feel and Match**' activity in the previous level.

Step 1. One change

Sit down at a table with your helper next to you. Your helper makes a pattern using three blocks, a square, triangle, and diamond, on the table. Copy this pattern with your blocks so it is exactly the same, making it on the table in front of you.

Your helper now **covers** their pattern, so you cannot see it, while changing the position of **only one** of their blocks.

Your helper then **uncovers** their pattern, so you can see your blocks and the new pattern of your helper's blocks. Compare the two patterns to see which block has been changed in your helper's pattern. After 2 seconds your helper will again cover their pattern. You now have to change yours, moving one block to match your helper's pattern.

When you have made your new pattern, your helper again shows you their pattern so you can check.

Your goal is to remember the change in the block pattern so you get at least 4 out of 5 correct.

Step 2. One at a time

You and your helper start with two patterns of blocks that are the same. Your helper again covers their pattern while changing **only one** of their blocks. When your helper shows you the new pattern they will **cover your pattern**. Now you cannot compare the new pattern to yours. Your helper will show you their new pattern for 2 seconds then covers their pattern and uncovers yours.

Change your pattern by moving one block. Then your helper uncovers theirs so you can check.

When you can get 4 or more out of 5 correct, try remembering 2 changes.

Step 3. One at a time, two changes

Now your helper makes two changes in their pattern of blocks for you to remember, e.g. move one block to a new location and add an extra block. Changes may be adding an extra block, changing position of block(s), taking away a block.

As in step 2, they will show you the new pattern for 2 seconds, while covering yours. You have to remember the changes and then change your blocks to match.

Your goal is to get at least 4 out of 5 correct.

Step 4. Flash

Your helper makes a pattern with their blocks, behind a screen (a large piece of cardboard will suffice as a screen). They will show you their pattern of blocks for about 3 seconds then cover theirs and ask you to make the same pattern.

Your goal is to get at least 4 out of 5 correct.

Step 5. Flash on the screen

Now you need to look at the computer screen. When you click on '**start**', a pattern of 3 blocks, with a square, a triangle and a diamond, will flash on the screen then disappear. Make the pattern you saw on the screen with your blocks. When you click on 'check' the pattern that was flashed will be displayed so you can compare it to your pattern.

Continue clicking on '**start**' to flash a new pattern for you to remember. Make the pattern with your blocks and click on 'check' to see if yours is the same.

Your goal is to get 4 or more correct out of 5.