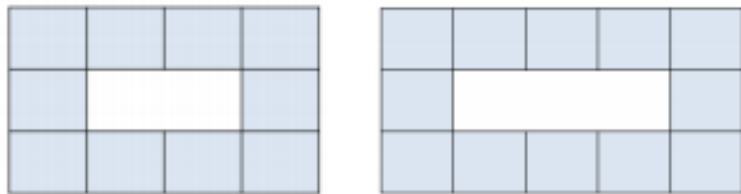


Guidance on how you may teach your child how to dig deeper with patterns at home with some activity ideas for both indoors and outdoors...

Digging Deeper

Which patterns fit?

Provide frames with a set number of spaces and cubes or counters in different colours. Ask the children to build patterns around the edge putting one item in each space. Ask them to try different patterns to investigate which will fit around the frame exactly and which won't.



Which of these patterns will fit exactly around the frames?

AB, ABC, ABB, AAB, AABB, AABBC



Key questions

- Which patterns will fit exactly into the frames?
- Are there any patterns which fit exactly around both frames?
- How many more spaces did you need for a pattern that wouldn't fit?
- Can you test some of your own patterns in the frames?
- Which of your patterns fitted exactly? Which didn't fit?

What's my pattern?

Use lining up time as an opportunity to slot in some extra pattern spotting practise.

Ask one child at a time to go and line up creating a pattern such as:

Boy, girl, boy, girl, boy, girl.

Jumper, no jumper, jumper, no jumper

Short hair, long hair, short hair, long hair etc

Ask: Can you see my rule?

Who do you think could join the line next?

Ask the children to come up with their own patterns in small groups and challenge the rest of the class to work out the pattern.

