Pattern spotting

predicting

Jump, hop, jump, hop, jump, hop, jump… what comes next?

pattern rules

Oooh! There's a zigzag pattern on that wall paper, 'up, down, up down, up, down'. I can do it with my finger!

noticing

I can see a stripey pattern. What do you think I am looking at?

reflection patterns

That building has a window and a door on each side. They're the same but the other way around!
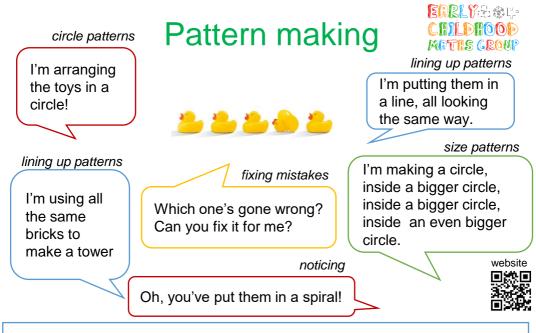
patterned arrangements

I'm having a biscuit with spots around the edge. Do you want one with spots around the edge or in the middle?

predicting

"Heads, shoulders, knees and toes, knees and toes. Heads shoulders knees and toes, knees and _____". a song with a pattern

website

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Pattern making

circle patterns

I'm arranging the toys in a circle!

lining up patterns

I'm putting them in a line, all looking the same way.

lining up patterns

I'm using all the same bricks to make a tower

fixing mistakes

Which one's gone wrong? Can you fix it for me?

size patterns

I'm making a circle, inside a bigger circle, inside a bigger circle, inside an even bigger circle.

noticing

Oh, you've put them in a spiral!

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Pattern making

fixing mistakes
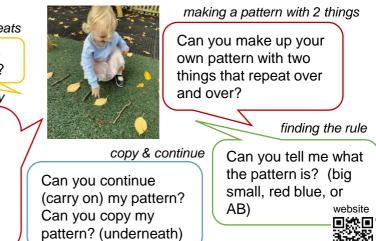
Can you spot my mistake?

spotting what repeats

Let's see - what is the repeating unit?

copy

Can you copy my pattern unit (e.g. red blue blue). Now let's make it again and again to make a long train that goes on and on, with this pattern.

making a pattern with 2 things

Can you make up your own pattern with two things that repeat over and over?

finding the rule

Can you tell me what the pattern is? (big small, red blue, or AB)

copy & continue

Can you continue (carry on) my pattern? Can you copy my pattern? (underneath)

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Pattern making

pattern rules

What is your pattern unit? What is the smallest part that repeats over and over?

border patterns

Let's make your pattern go around a shape (circular plate, large triangle or square). Does your pattern 'work' and keep going round forever? Why / why not?

pattern rules & mistakes

Can you make up a pattern with a mistake for me to spot?

copying (a new way)

Can you do actions in the same pattern as your objects?

copying (a new way)

Can you make the same pattern but this time with different objects?

continuing (in both directions)

Can you continue your pattern to the left as well as to the right?

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