

Pattern hunt

Annotation

Michael can identify the element that comes next by recognising its relative position in a repeating pattern sequence. He is able to explain his thinking using appropriate language.

Problem: Pattern hunt

Room 4 are having a pattern hunt in their classroom. The teacher poses this problem:

Can you see an interesting pattern somewhere in our classroom? Can you tell the other students about the pattern you can see?

Student Response

I can! Look at our carpet (pointing at the classroom mat). It has two patterns really. The squares go big square, little square, big square, little square like that, but the colours go in a pattern, too.

Teacher: Tell me more about that Michael.

Michael: Well, there are four colours; brown, orange, black and that bluey colour. Then the brown comes after the bluey colour because the pattern starts all over again.