



Can you build this?

The Activity

The adult makes a simple construction with a few blocks or pieces of Lego, and challenges the child to copy it with the same pieces or from a selection. Use more different pieces to increase the challenge.

Encouraging mathematical thinking and reasoning:

Describing

That's great! But look very closely: how is your model different from mine?
Which block do you need to put to the right of / above / below / behind this red one?
Your blocks are all pointing the same way - can you see these ones are crossways?

Reasoning

How do you think you need to change yours to make it look the same as mine?
How do you need to turn that brick to make it look the same?

Opening Out

Take a photo of a secretly made model and see if the child can copy that, using the same pieces.
What do you think is at the back, underneath the red brick?
I've made a little model which I've got hidden under the table - I'll see if I can tell you how to make it. First, take a blue brick, then put a yellow one on top...
Can you make a secret model with five bricks and describe it for me to make?

Recording

Let's take a photo of your best one and see if you can make it again tomorrow.
Can you do a drawing of your model?

