

When I Play,
I Learn!

Teaching Mathematics Through Play

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All children love to play



As teachers we can build on this to support mathematical development

Teaching numbers and number value

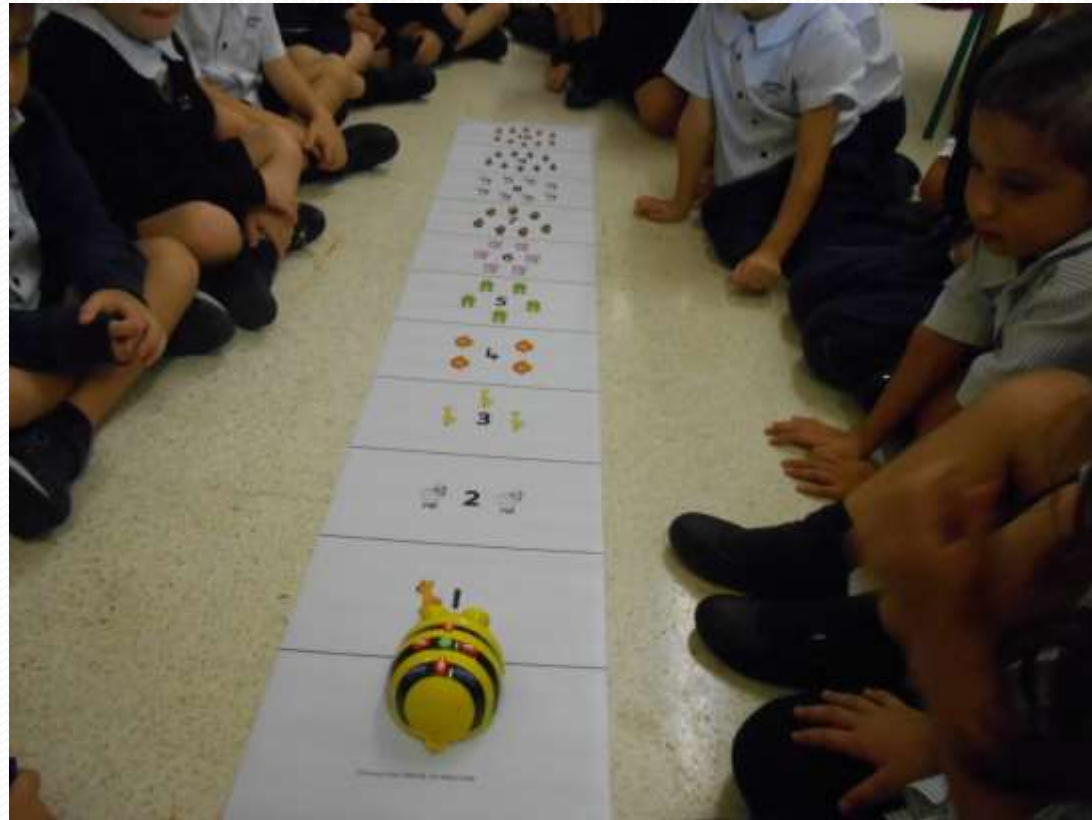
The children use a lot of tactile resources such as interlocking cubes, interlocking chains



..... small toys like little animals



.....beebot



- Creating the class number line



- Hanging it up



Here the children had just finished playing the caterpillar game. The more varied the resources, the better.



It is very important to observe children play and see how they interact with the resources. We should provide appropriate mathematical vocabulary during this time.



We have games where the children play on their own, in pairs ...



...in small groups or the children play all together



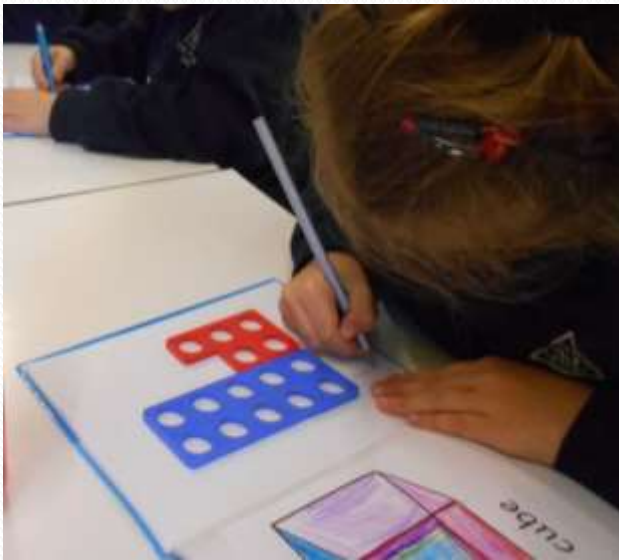
Playing around with Numicon shapes and baseboards



Numicon games also help the children to understand adding and subtracting. Numicon games also help when we introduce money and coins.



- Adding $10 + 5 = 15$
- Subtracting $10 - 4 = 6$



Addition

