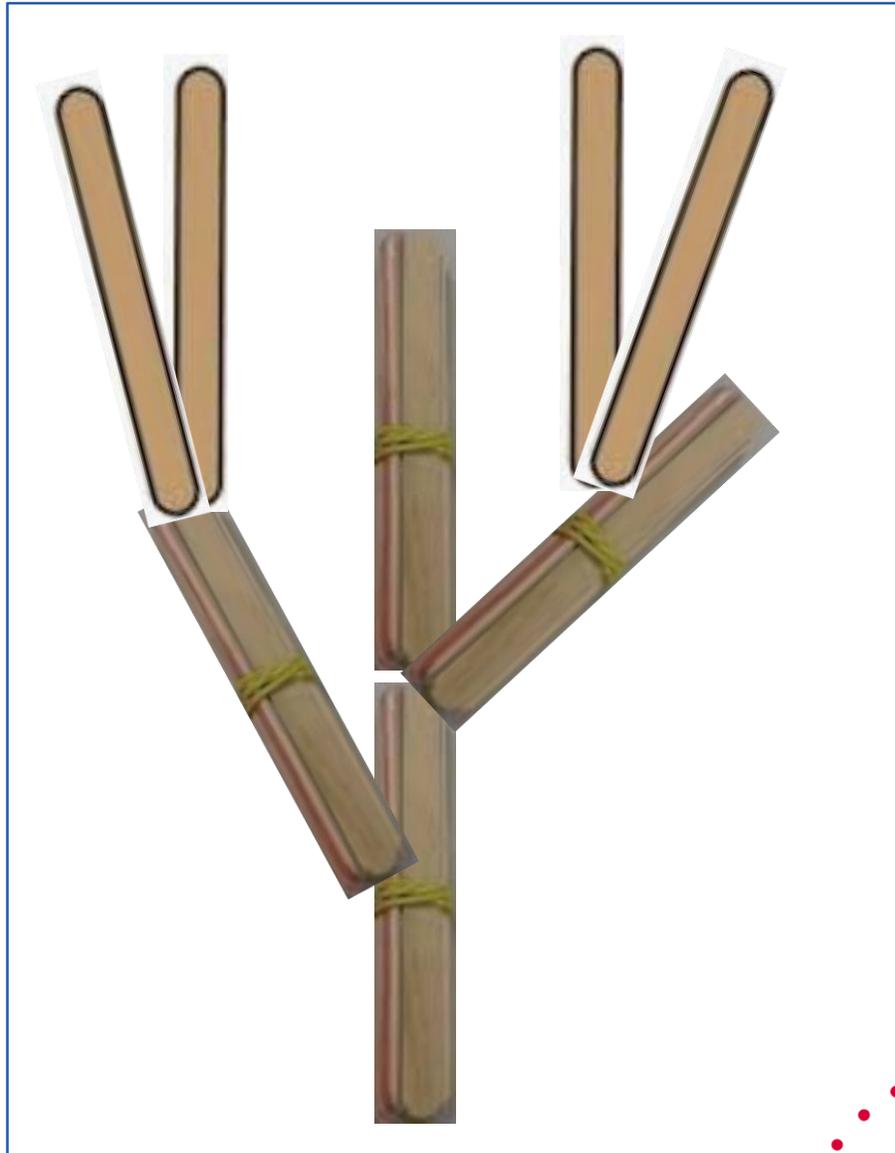


## Chikka Chikka Boom Boom - student and parent instructions



### For students:

Use two hands to grab a large pile of paddle pop sticks or cotton buds (or stick-like objects that can be bundled). Bundle your collection using rubber bands, in groups of ten. You may have some left overs.

Arrange these bundles in a tree like formation (see card image). Can you tell me how many tens you see? How many single sticks you see? Can you rename that number? Call it out and say "Chikka Chikka!" E.g. '4 tens, 4 ones, 44 Chikka Chikka!'

### For parents:

Ask your child:

1. How many bundles do you have?
2. How many singles sticks?
3. Can you rename the number?

...and after they do this, they say, "Chikka Chikka"

You say Boom Boom!



## Overview of task

Students make bundles of paddle pop sticks or cotton buds from their materials. They then arrange them in a tree-like formation.

They need to then say how many bundles of ten they see and how many single sticks left over, and what that number is renamed. E.g (on card) I see 4 tens, 4 ones and therefore I see 44. They can then say Chikka Chikka and adult/ or partner responds Boom Boom



## Task variation

- To simplify this game, reduce the number of paddle pop sticks
- You can both make trees and see which is the biggest number of even the difference between the two



## Links to syllabus and progressions

MA1-1WM - describes mathematical situations and methods using everyday and some mathematical language, actions, materials, diagrams and symbols

MA1-4NA - applies place value, informally, to count, read and represent two-digit numbers

- count and represent large sets of objects by systematically grouping in tens
- use place value to partition two-digit numbers, e.g. 32 as 3 groups of ten and 2 ones Progressions Links: QuN8
- represents and renames two-digit numbers as separate tens and ones e.g. (68 is 6 tens and 8 ones, 68 ones, or  $60 + 8$ )



## Things to consider

This game is designed to go up to 99 only. If they grab more than that you may have to discard some.



## Why use this task?

Students need to understand Visual Structures to help them with sophistication of processes. Having mental models like ten bundles, allows them to count quicker, as they can 'Trust the Count', in this case the unit of ten.