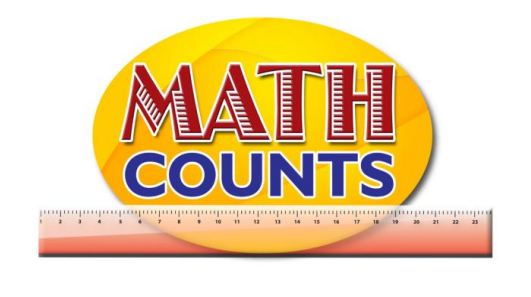
NATIONAL MATHEMATICS PROGRAMME



**Resource Document**

**FOR GRADE ONE TEACHERS**

**Objective: Placing Numbers in Serial Order**

**Topic: Number Grid and Cards**

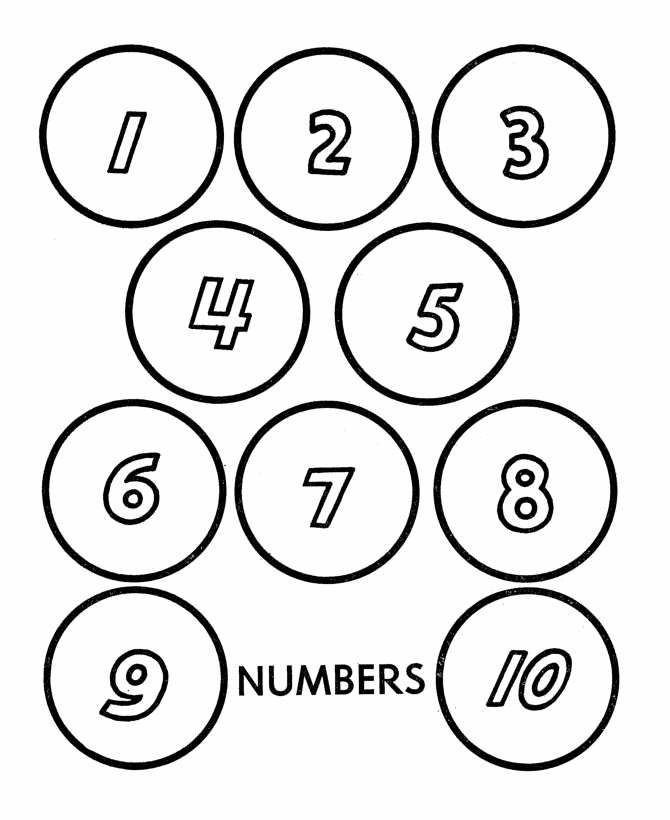
Teachers can create their own grids and number cards. Despite the shape of the grid, students are expected to move from left to right along each row. Below are a few examples

**GRIDS**

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  | | --- | --- | --- | | **1** |  | **3** | |  | **5** |  | | **7** |  | **9** | |  |  |  | |
| |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | |  | 2 | 3 |  |  | 6 | | 7 |  | 9 | 10 |  |  | |

**Objective: Placing Numbers in Serial Order**

**Topic: Number Cards**



Objective: Use objects to create sets

Topic: Creating Sets

**SETS**

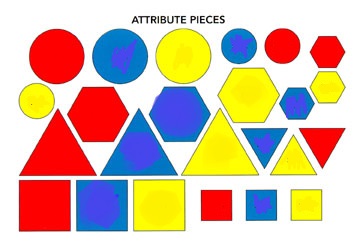
|  |  |
| --- | --- |
| Set with Red markers | Set with Blue markers |
| Combined set | |

|  |  |  |
| --- | --- | --- |
| **CREATE A SET** | | |
| Set 1 | Set 2 | Set 3 |
|  |  |  |
|  |  |  |

Objective: Items that belongs/do not belong to a set

Topic: Attribute Blocks

This is a sample. Teachers can use the idea to create their own version of the Attribute blocks.

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Objective: Identify Sets With Up To 19 Members

Topic: Sample Problem Solving Activities

Angie has 8 lollipops. She is deciding how many to give to her friend and how many to keep. What are the different choices that Angie could make?

[](http://www.google.com.jm/url?sa=i&rct=j&q=&esrc=s&source=images&cd=&cad=rja&uact=8&ved=0CAcQjRxqFQoTCK3dl_vC28cCFYO2Hgodg20BYA&url=http://www.google.com.jm/url?sa=i&rct=j&q=&esrc=s&source=images&cd=&cad=rja&uact=8&ved=0CAcQjRxqFQoTCK3dl_vC28cCFYO2Hgodg20BYA&url=http://mobilego.wondershare.com/forum/topic/22-android-50-lollipop-on-all-nexus-devices-can-be-rooted/&psig=AFQjCNGkLsiyiKXKpcX2V8DLTBvJgPQF6g&ust=1441392307203798&psig=AFQjCNGkLsiyiKXKpcX2V8DLTBvJgPQF6g&ust=1441392307203798)

1. In a garden each bee need to land on a flower to collect its pollen.

* How many bees need flowers?
* Are there enough flowers for each of the bee to land on?
* Draw lines to match one flower to one bee.
* How many more flowers are needed?



Objective: Partition 2 – 10 members in two or more sets

Topic: Part-Whole Mat and Reporting Sheet

**PART, WHOLE MAT**

|  |  |
| --- | --- |
| **WHOLE**  **C:\Users\rosemarie.dawkins\AppData\Local\Microsoft\Windows\INetCache\IE\YVYO6H9F\cube_128[1].pngC:\Users\rosemarie.dawkins\AppData\Local\Microsoft\Windows\INetCache\IE\YVYO6H9F\cube_128[1].pngC:\Users\rosemarie.dawkins\AppData\Local\Microsoft\Windows\INetCache\IE\YVYO6H9F\cube_128[1].pngC:\Users\rosemarie.dawkins\AppData\Local\Microsoft\Windows\INetCache\IE\YVYO6H9F\cube_128[1].pngC:\Users\rosemarie.dawkins\AppData\Local\Microsoft\Windows\INetCache\IE\YVYO6H9F\cube_128[1].pngC:\Users\rosemarie.dawkins\AppData\Local\Microsoft\Windows\INetCache\IE\YVYO6H9F\cube_128[1].png** | |
| **PART**  **C:\Users\rosemarie.dawkins\AppData\Local\Microsoft\Windows\INetCache\IE\YVYO6H9F\cube_128[1].pngC:\Users\rosemarie.dawkins\AppData\Local\Microsoft\Windows\INetCache\IE\YVYO6H9F\cube_128[1].pngC:\Users\rosemarie.dawkins\AppData\Local\Microsoft\Windows\INetCache\IE\YVYO6H9F\cube_128[1].png** | **PART**  **C:\Users\rosemarie.dawkins\AppData\Local\Microsoft\Windows\INetCache\IE\YVYO6H9F\cube_128[1].pngC:\Users\rosemarie.dawkins\AppData\Local\Microsoft\Windows\INetCache\IE\YVYO6H9F\cube_128[1].pngC:\Users\rosemarie.dawkins\AppData\Local\Microsoft\Windows\INetCache\IE\YVYO6H9F\cube_128[1].png** |

|  |  |  |
| --- | --- | --- |
| **PART-WHOLE REPORTING TEMPLATE** | | |
| ***SET 1*** | ***SET 2*** | ***COMBINED SET*** |
| 3 | 3 | 6 |
| 2 | 4 | 6 |
| 1 | 5 | 6 |
| 6 | 0 | 6 |
| … | … |  |