



NATIONAL MATHEMATICS PROGRAMME

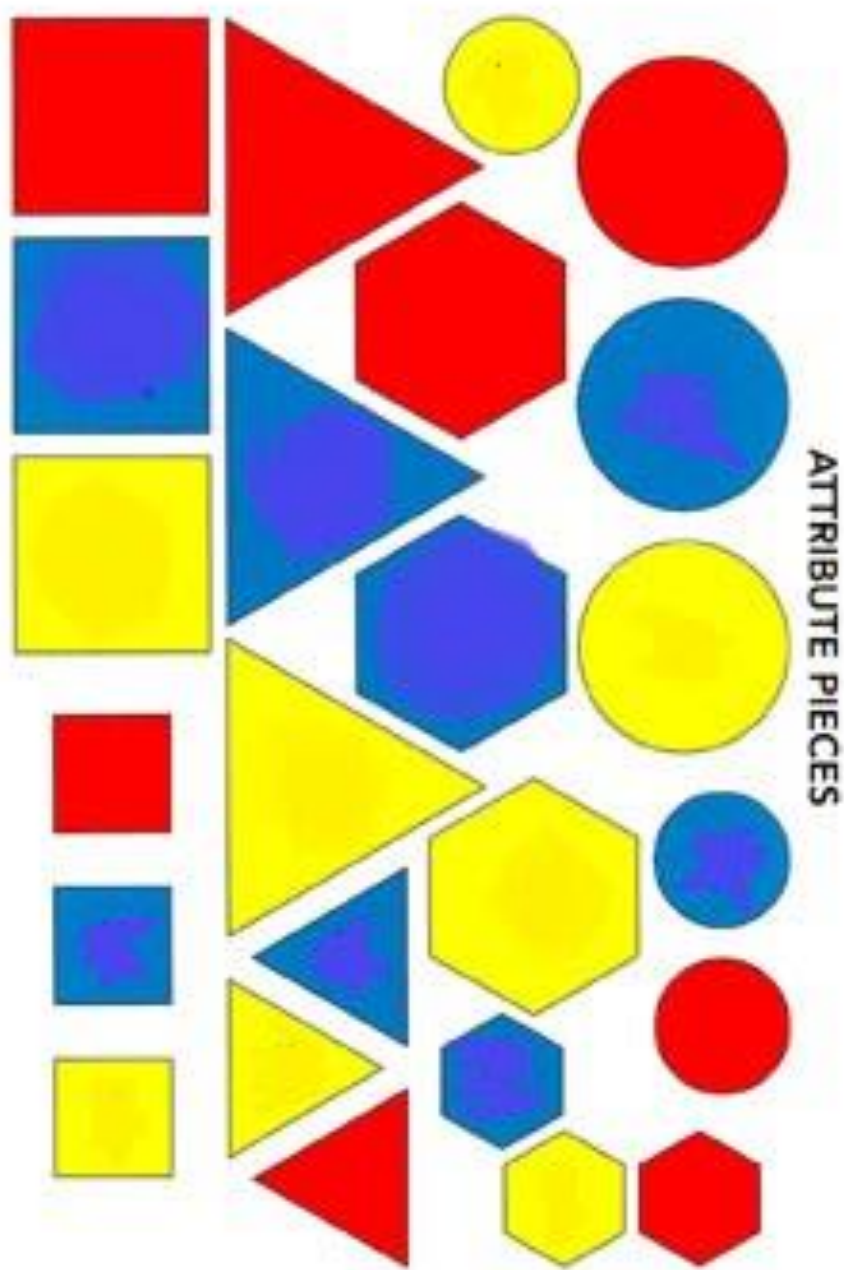
RESOURCE DOCUMENT

FOR GRADE ONE TEACHERS

Objective: Create patterns with objects and geometric figures.

Title of activity: Patterns Card

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



Objective: Create patterns with objects and geometric figures.

Title of activity: Pattern using everyday objects

Create patterns on a large table using objects such as boxes, bottles and books. Example: (water bottle, drink bottle, water bottle, drink bottle). See images below.



- Display the patterns for all students to see. This may require that students are placed into groups with each group being assigned to a table with a Monitor.
- Have discussion with students regarding the next in the pattern. Have them make predictions.

Guided Questions:

What comes next in this pattern? Which of these patterns can you make? Can you extend the pattern to the left? To the right? Are these patterns the same?

- Have students work in pairs to create their own patterns using objects such as pencils, erasers, rulers, bottle tops, bottles etc.

Objective: Create patterns with objects and geometric figures.

*Title of activity: **Using the Frayer Model***

Definition	Facts
Word/Concept	
Examples	Non-examples

Objective: Create and identify number patterns.

Title of activity: Hundreds Charts and Patterns

This is a sample. Teachers should use 100 charts to help students recognize simple patterns in numbers.

Counting 1-100!

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

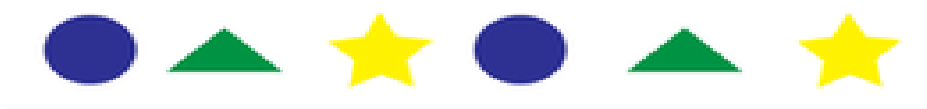
Objective: Identify, describe and complete patterns according to any one attribute, for example: shape, colour, and size.

Title of activity: Sample pattern worksheets.

Use this and similar pattern worksheet to help students create their own patterns.

Create Your Own Pattern

Look at the example ABC pattern below. Then cut out the shapes to create your own ABC patterns.

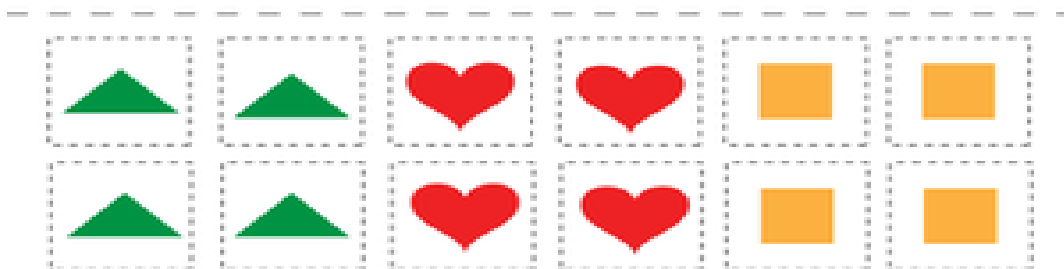


1.

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2.

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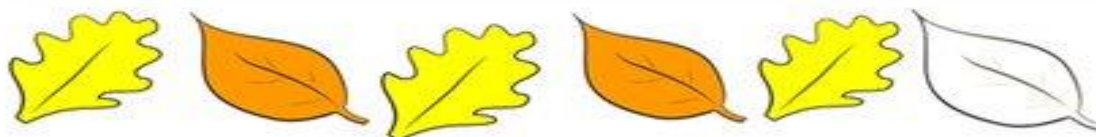


Objective: Identify, describe and complete patterns according to any one attribute, for example: shape, colour, and size.

Title of activity: What comes next?

Use this to help students predict what comes next in a pattern.

What color comes next? Finish the pattern.



Objective Create and identify number patterns.

Title of activity: Number line hop?

The number line hop is a fun activity that helps students to reinforce count sequences and recognize number patterns.

