LESSON PLAN CLASS III SUBJECT -Mathematics

TOPIC- Patterns and Symmetry

BRIEF DESCRIPTION

Formation of patterns, Number patterns, Tiling Patterns & Symmetry.

OBJECTIVES:

I- Specific Objectives-

To enable the students to -

SP1- observe and extend simple patterns using simple rules. (Understanding)SP2- create number patterns. (Understanding)SP3- observe and extend tiling patterns using shapes that fit into each other.(Understanding)SP4- develop the concept of symmetry. (Understanding)

II-Behavioural Objectives-

To enable the students to-

B1- use patterns in day-to-day life.

PROCESS/ACTIVITIES -

ACT 1- Warm up activity given in the book.



Art Integration activity

- ACT 2- Formation of patterns using bindis, colourful stars, smillies etc.
- ACT 3- Formation of printed tiling & paper cutting.
- ACT 4- Making basic shapes using paper folding.



Hots Questions. (Given in the book) Value based Questions (Covered in worksheet)

PRACTICE SHEET

Skills (as per topic)

Understanding, Logical reasoning, Calculations, Application and Analysis.

ASSESSMENT:

A1- Monthly tests

A2- Term I Assessment.

EXPECTED LEARNING OUTCOMES:

Students will be able to:

1- learn various rules to form patterns.

- 2- create number patterns.
- **3-** draw different tiling patterns.
- **4-** draw symmetry and line of symmetry.

Placement of objective, Instructional Activities and Assessment

Topic/Duration/ Assessment Topic: chapter name						
	Knowledge	Understanding	Application	Analysis	Synthesis	Evaluation
Objectives		SP1,SP2,SP3, SP4	B1	-	-	-
Instructional Activities	ACT1	ACT2	ACT3, ACT4	Art Integrati on	-	-
Assessment	A1, A2	A1, A2	A1, A2	-	-	-