

LESSON PLAN

Class: VI Subject: Mathematics
Chapter Name: Patterns in Mathematics
Dates: _____ No of Periods: _____

A. Learning Objectives

General Objectives :

- i) Students will develop their fine motor skills through activities such as tracing and drawing symmetrical shapes.
- ii) Students will improve their hand-eye coordination through activities such as creating symmetrical patterns and designs.
- iii) Students will develop an appreciation for the beauty and importance of patterns in art, nature and designs.

Specific Objectives :

- i) Students will be able to understand and identify different symmetrical shapes and patterns.
- ii) Students will improve their ability to recognize different number sequences and shapes sequences.
- iii) Students will be able to create different number sequences and shapes sequences.

B. Learning Outcomes

- i) Students are able to understand and identify different symmetrical shapes and patterns.
- ii) Students are able to recognize different number sequences and shapes sequences.
- iii) Students are able to create different number sequences and shapes sequences.

Sign with Date:

Sub Teacher:

HOD/Class Coord:

Principal:

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C. Activity for pre-requisite knowledge
 Students will be given a task to complete the patterns through worksheet/paper as their understanding of patterns can be checked.

D. Teaching - aids

Greenboard, chalks, Textbook, worksheet, pattern chart, bindi, surrounding objects, etc.

E. TAL (Technology Aided Learning)

Modules of different types of patterns in nature will be shown to the students through Smart Class.

F. Methodology

S.No.	Topic	Activity / Practical	C.W	H.W
1.	Number sequences	<ul style="list-style-type: none"> • Worksheet of patterns • Bindi activity 	Students will show different number sequences using bindi in their activity notebook. After this activity the patterns like 1's, counting no's, triangular numbers, etc. will be told in the class.	Questions from R.S. Agrawal will be provided to practice the patterns.

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2.	Shapes sequences	Art - integrated activity in which students will draw the shapes one after another and understand the patterns.	Students will be told to clear the concept of patterns by DIY draw and see activities by which they will practice and understand the patterns.	Practice to draw few typical shapes sequences two to three times in their notebook like kite snowflake
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G. Evaluation / Assessments

- Quick oral assessment by random questioning in the class.
- Written assessment through worksheet.
- Observation based assessment as accuracy in hands-on activities, participation in activities, practical assessments like paper folding, drawing, neat and clean work, etc.

Sign with Date: _____
 Sub Teacher: Shubh / 04/04/26
 HOD/Class Coord: _____
 Principal: _____