

14. PATTERNS

PREVIOUS KNOWLEDGE :

- Students can identify different patterns around them.
- Students are familiar with the patterns in nature.
- Students can complete object patterns.
- Students can complete colour patterns.
- Students are familiar with multiplication tables to do number patterns.

LEARNING OUTCOMES :

- Students will be able to identify different patterns.
- Students will be able to understand a given pattern.
- Students will be able to complete a given pattern.
- Students will be able to understand number patterns.
- Students will be able to complete increasing number patterns.
- Students will be able to complete decreasing number patterns.
- Students will be able to understand even and odd numbers.
- Students will be able to write and identify even and odd numbers.

TOPIC-1 : Geometric Patterns

TIME : 1 period

MATERIALS REQUIRED : No materials (in particular) is required for this activity.

Activity

Ask any 10 students to come and stand forward.

Now ask the first child to stand facing the class and another to turn around and stand. Now third student will stand facing the class and fourth student will turn its back towards the class and so on till the 10th student.

Ask the rest of the students of the class to observe the pattern in which the students are standing. Call upon any of the students to come forward and stand in such a way to continue with the pattern of the students.

Ask another 10 students to come forward and stand in a different pattern. Like, two students facing each other than next two facing each other and so on forming pattern.

Students will enjoy performing the activity and the rest of the students will enjoy observing the pattern of standing students.

To make teaching-learning process a success, teacher will make sure that almost all the students in the class will participate in this activity.

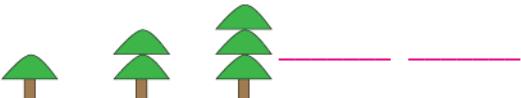
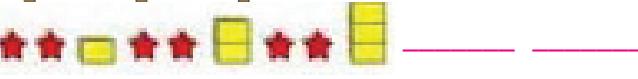
[Video tutorials will be shown in the class by the teacher. After the video tutorial teacher can discuss the following questions with the students.]

CLASS/HOME ASSIGNMENT

A. Colour and complete the given patterns.

1. 
2. 
3. 

B. Complete the given growing patterns.

4. 
5. 
6. 