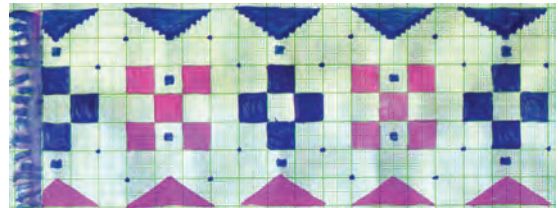
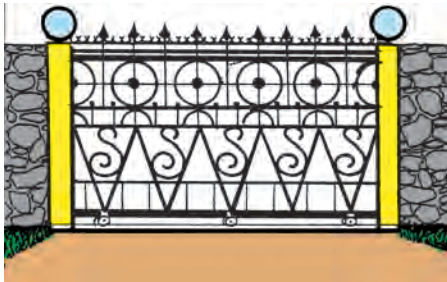


16. Patterns



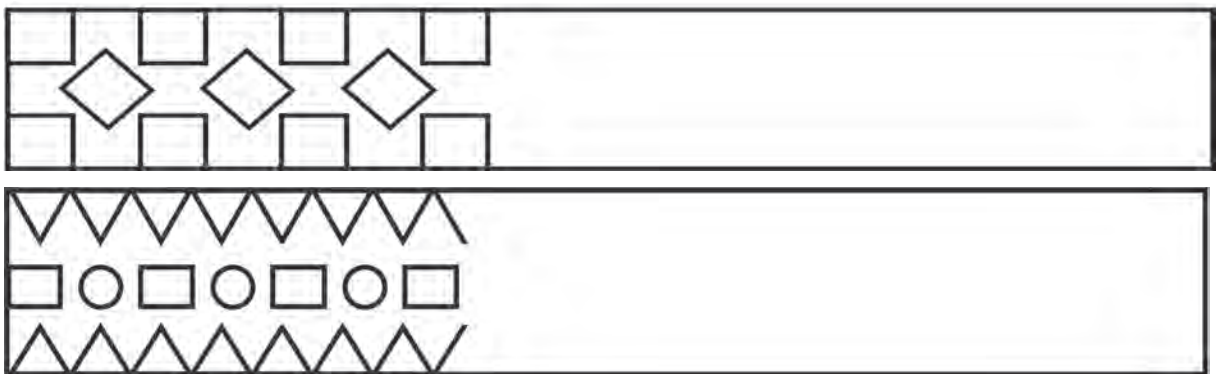
Geometric patterns

- ◆ Study the designs shown below. Observe the patterns of geometric shapes.



Exercise

Complete the patterns given below.

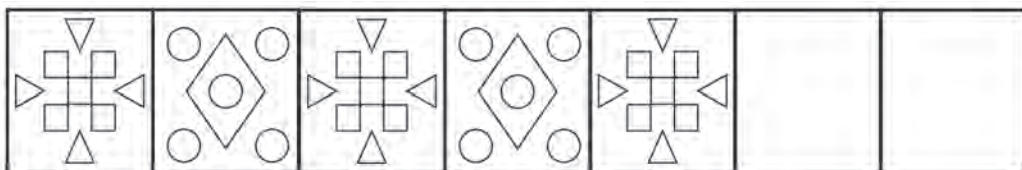


- ◆ Study the pattern below, made from freehand shapes.



Exercise

1. Make a pattern by placing any geometric shapes one in front of the other.
2. Make a pattern using different freehand shapes.
3. Complete the pattern given below.



4. Identify the geometric shapes in the pattern above and, using them, create your own design.

Patterns in multiplication tables

9
18
27
36
45
54
63
72
81
90



Look at the 9 times table.

Note the sequence of numbers in the units places of the table.

What pattern do you see ?

Now note the sequence of numbers in the tens places of the table.

Find the pattern in it.

Exercise

- Look at the 5 times table.
5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70, 75... Find the pattern in the digits in the units places of this table. Is there a pattern in the tens digits in this table?
- Write the 10 times table.
Look at the digits in the units place of this table. What is the pattern there?
- Write the 2 times table till $2 \times 15 = 30$.
Look at the digits in the units place from $2 \times 1 = 2$ up to $2 \times 15 = 30$.
Find the pattern.
- Complete the multiplications given below. Find a pattern in the products.

$6 \times 10 = 60$	$7 \times 10 = 70$
$6 \times 100 = 600$	$7 \times 100 = 700$
$6 \times 1000 =$	$7 \times 1000 =$
$6 \times 10,000 =$	$7 \times 10,000 =$
- Multiply 37 by 3, 6, 9..., 27 in that order. Observe the patterns in the products.

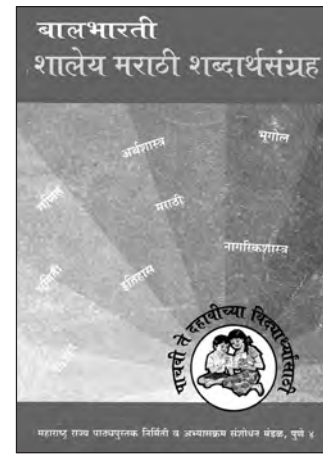
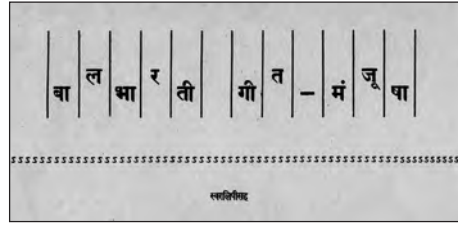
Activity : Create patterns using various geometric shapes.

Look at the designs on different fabrics and find the patterns. Make your own designs.

Dip a cross section of a bhindi in paint and use it as a stamp to make a design.

इयत्ता १ ली ते ८ वी साठीची पाठ्यपुस्तक मंडळाची वैशिष्ट्यपूर्ण पुस्तके

- मुलांसाठीच्या संस्कार कथा
- बालगीते
- उपयुक्त असा मराठी भाषा शब्दार्थ संग्रह
- सर्वांच्या संग्रही असावी अशी पुस्तके
- स्फूर्तीगीते
- गीतमंजुषा
- निवडक कवी, लेखक यांच्या कथांनी युक्त पुस्तके



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