

# Maths World

Class I



**Punjab School Education Board**

Sahibzada Ajit Singh Nagar

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## Foreword

The Punjab School Education Board has been continuously engaged in developing syllabi, producing and renewing text books according to the changing educational needs at the state and national level.

This book has been developed in accordance to the guidelines of National Curriculum Framework NCF-2005 and PCF-2013, after careful deliberations in workshops involving experienced teachers and experts from the board and field as well. All efforts have been made to make this book interesting with the help of activities and coloured figures. This book has been prepared with the joint efforts of subject experts of Board, SCERT and experienced teachers/experts of mathematics. Board is thankful to all of them.

The authors have tried their best to ensure that the treatment, presentation and style of the book in hand are in accordance with the mental level of the students of class-I. The topics, contents and examples in the book have been framed in accordance with the situations existing in the young learner's environment. A number of activities have been suggested in every lesson. These may be modified, keeping in view the availability of local resources and real life situations of the learners.

I hope the students will find this book very useful and interesting. The Board will be grateful for suggestions from the field for further improvement of the book.

**Chairman**

Punjab School Education Board

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# Content

1.	Play with Digits	1
2.	Play with Numbers	50
3.	Numbers 21 to 99	83
4.	Money (Currency)	109
5.	Shapes	119
6.	Patterns	130
7.	Measurement	136
8.	Time	148
9.	Data Handling	154



Name.....

Class..... Section.....

## Objectives

- To develop understanding of mathematics in children by interesting method.
- Do not take the children to the world of mathematics. But bring the mathematics in children's life.
- Understanding of counting, speaking, reading and writing the number upto 9.
- To enable the children to understand counting, backward counting of numbers upto 9 and word problems.
- To split a number into different pairs of numbers as addition and subtraction.

## Do you remember?

- How many bags do you have ?
- How many suns are there in the sky ?
- How many heads do you have ?
- How many hands do you have ?
- How many eyes do you have ?
- How many bulbs are there in your classroom ?
- How many fans are there in your classroom ?
- How many windows are there in your classroom ?

- How many rooms are there in your school ?
- How many brothers and sisters are you all ?
- How many members are there in your family ?
- How many legs does a chair has ?
- How many fingers do you have on each hand ?
- How many fingers do you have on both hands ?
- How many trees are there in your school ?



## Activity

One Two

Buckle my shoes



Three Four

Shut the door

Five Six

Pick up the sticks



Seven Eight

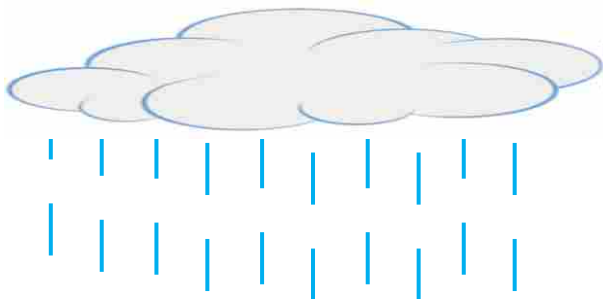
Lay them straight

Nine Ten

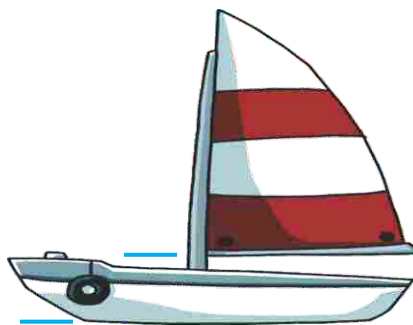
A big fat hen



Draw drops of water dropping from the clouds on the whole page as demonstrated.



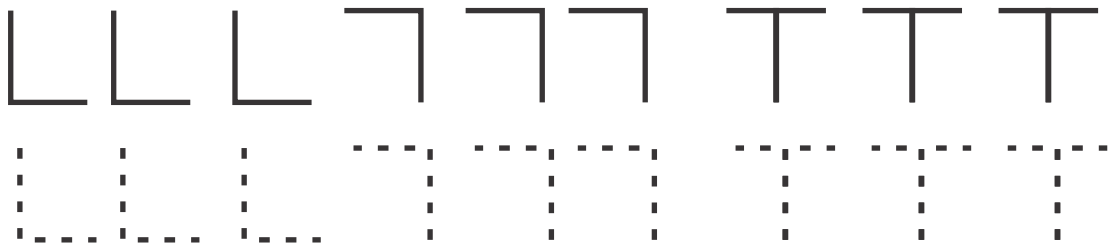
Make a paper boat and try to float it on water,  
Draw water beneath the boat.



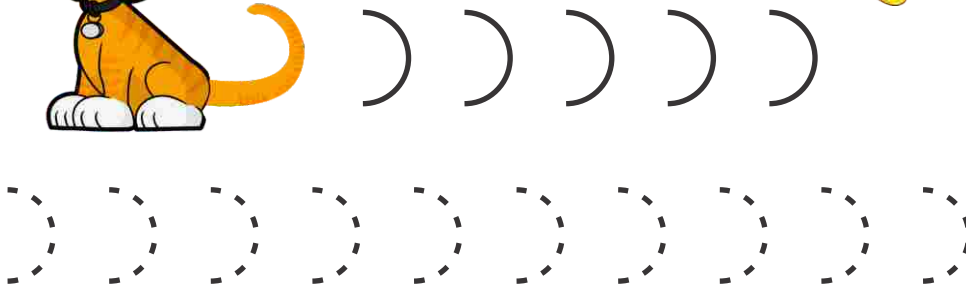
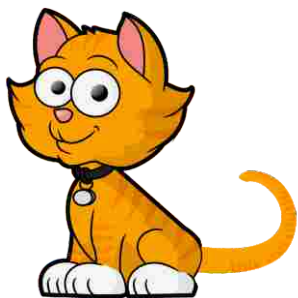
**Note**

The teacher will fill up the page by drawing drops of water, dropping and by drawing water under the boat before telling the children about counting through a story.

Let's join the water and drops.



Make tail of the cat with your pencil.

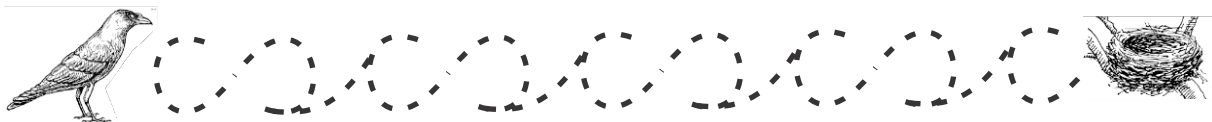
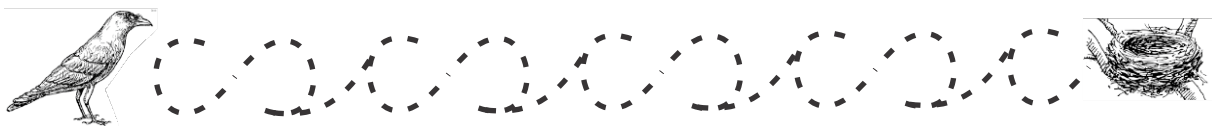


**Note**

The teachers will tell the story to the students, according to the both situations and will ask them to practise both situations on their note books.



Help the crow to reach its nest.





**One One One**  
**Our nose is One**



**Colour it**



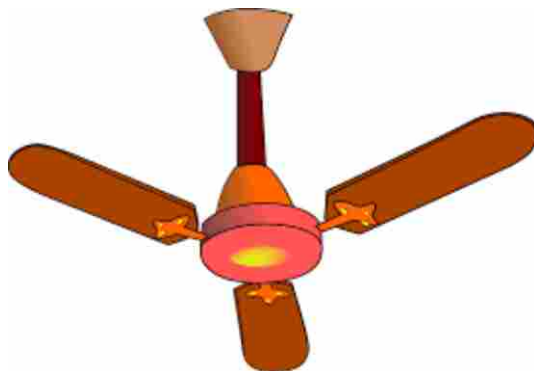
**Two Two Two**  
**Our eyes are two**



**Colour it**



**Three Three Three**  
**Blades of fan are three**



**Colour it**



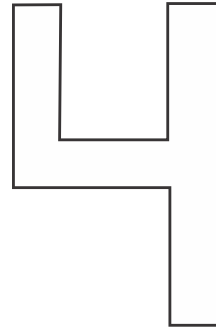




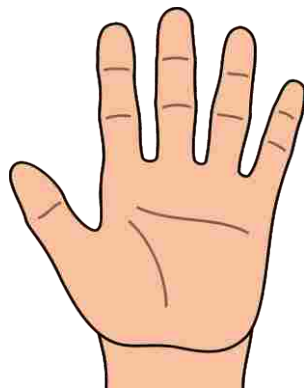
**Four Four Four**  
**Legs of chair are four**



**Colour it**



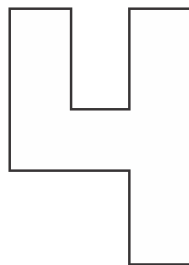
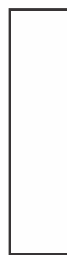
**Five Five Five**  
**Our hand has fingers, five**



**Colour it**



**Colour these**



## Oral knowledge of numbers 1 to 5



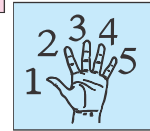
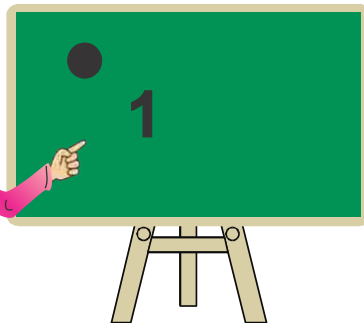
Count the fingers of your one hand.



How many fingers do you have on each hand ?

Let us learn counting with other objects.

What is this ?



Anveet

5



Anveet



Which digit is there on this card ?

1



Aslam

1



Chintu



Show 1 on the number strip



1	2	3	4	5	6	7	8	9
---	---	---	---	---	---	---	---	---



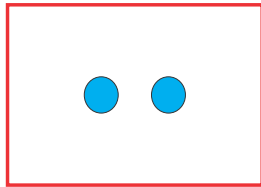
**Note**

The teacher will tell about numbers with the help of fingers, solid objects, maan cards and number strip.

## Counting and recognizing numbers 1 to 5



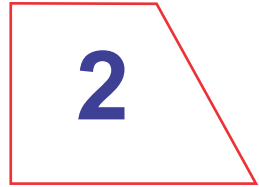
With fingers



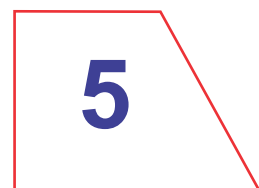
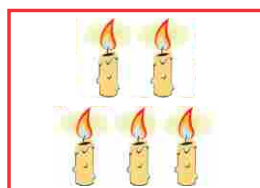
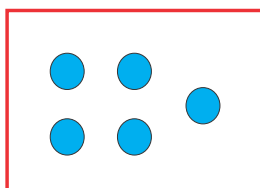
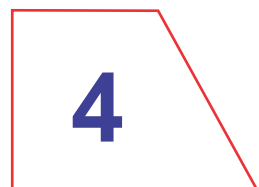
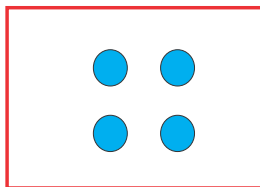
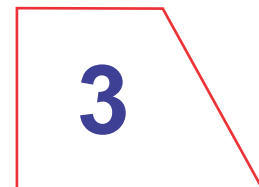
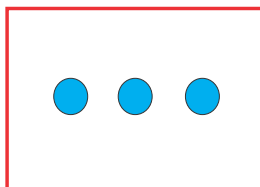
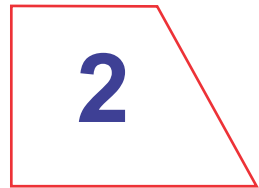
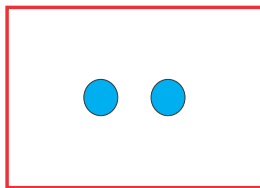
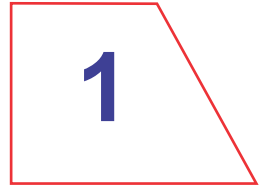
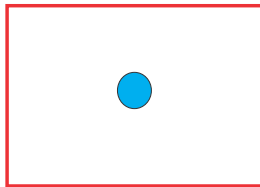
With dots



With objects



With man cards

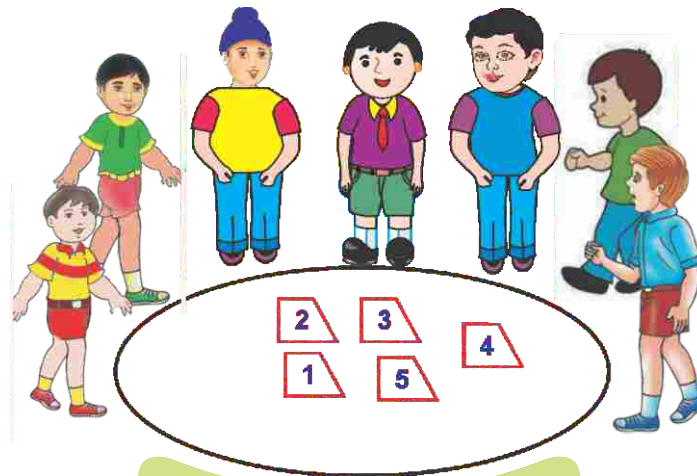




Take a jump



Take a jump and bring the card



Stand in order  
according to numbers



Note

- The teacher will help the students to prepare maan cards. Give students different objects to count. It should be noticed by the teacher that counting and speaking of a number should be same. When a student speak any of the numbers, same maan card should be shown at that time. Make a number strip on the floor and ask the students to jump on the given number. Make a circle of the students and ask them to bring a maan card from the cards that are lying inside the circle.



Count the balloons, recognize and match with the numbers



5

3

1

2

4

Draw objects of your choice


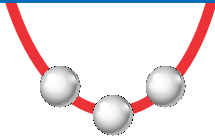








4	3	5	1	2



**Note**

The teacher will motivate the students to draw the objects, of their own choice.

Put bead/beads in the thread according to the dots shown on the face of the dice and match them with the digits.

		5
		3
		1
		2
		4

Draw flowers in the pots as described :

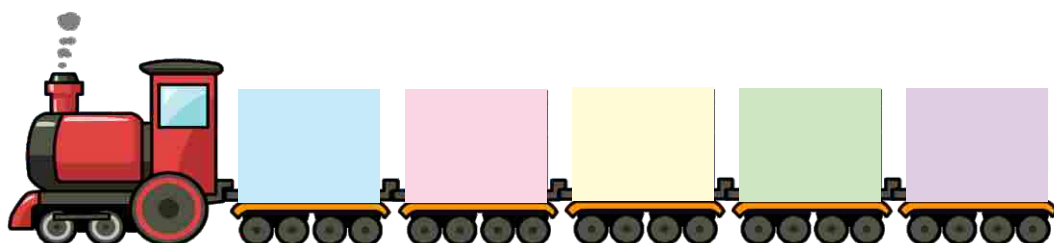
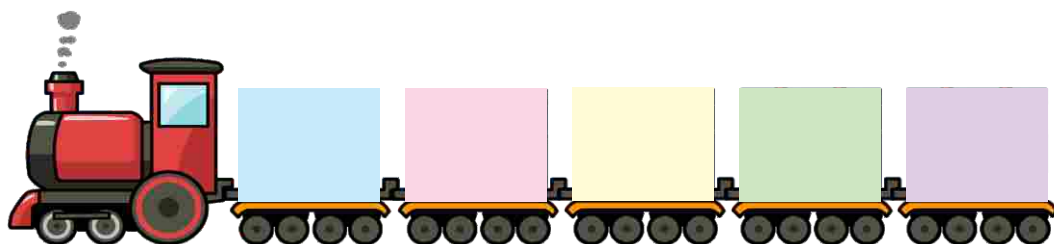
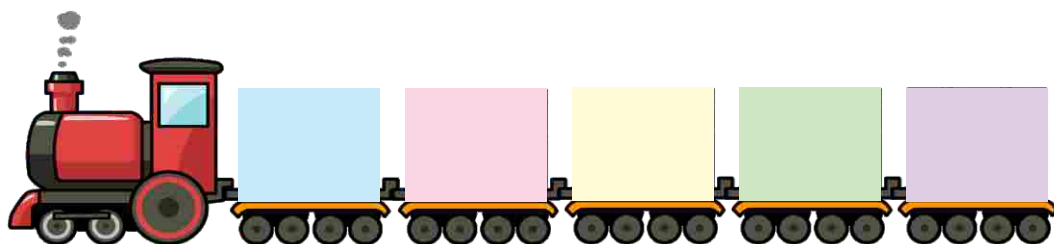
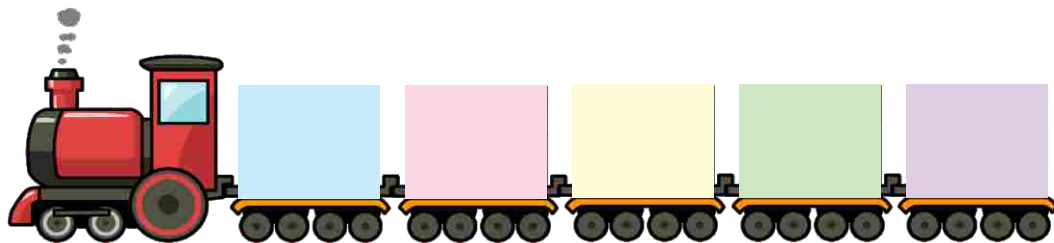
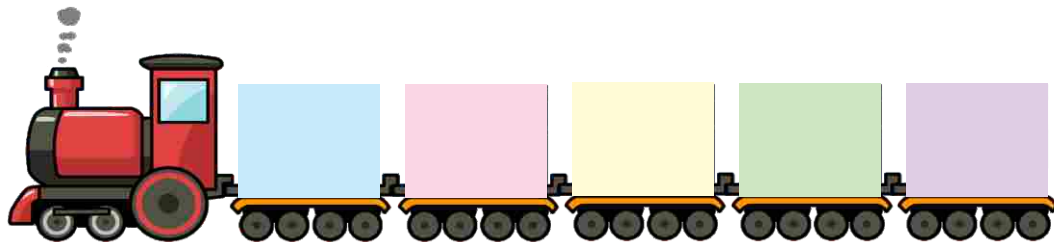
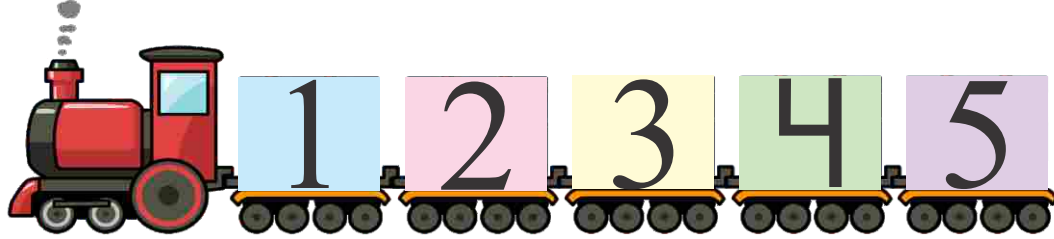




Start from the dot and move towards the star to get beautiful numbers.

1	2	3	4	5

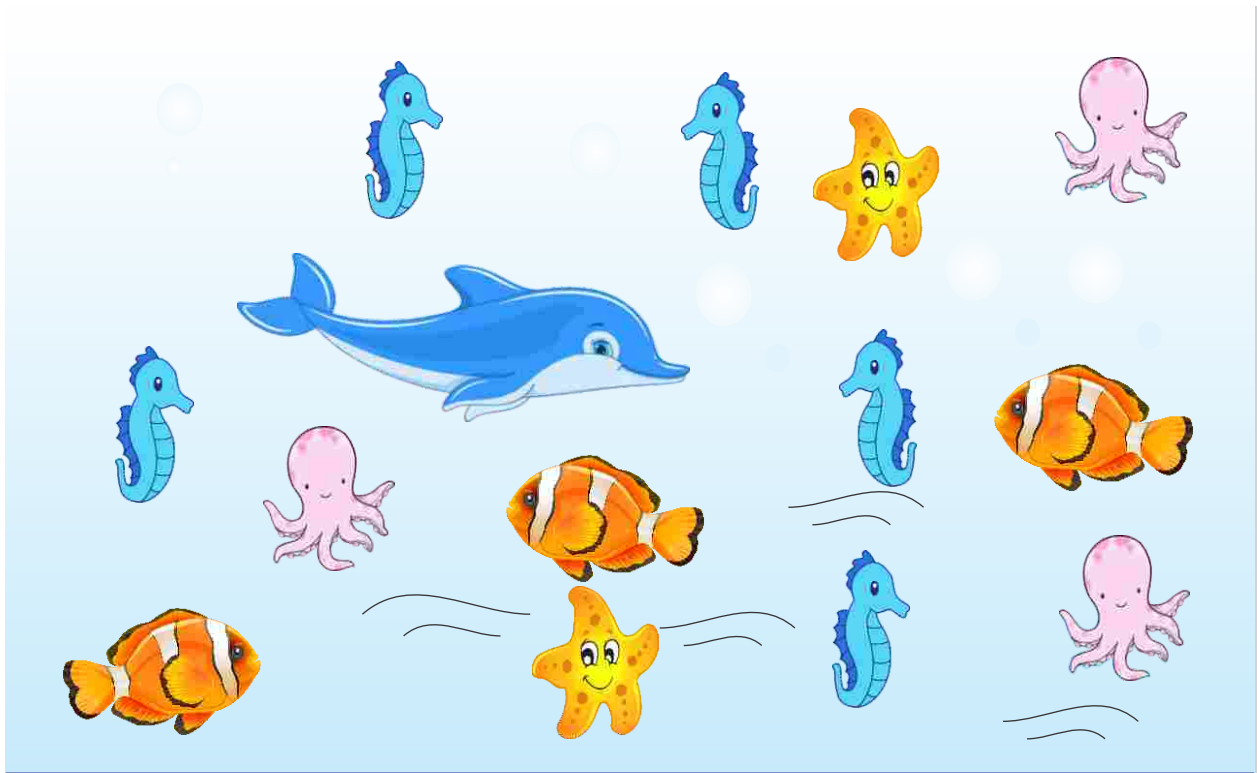
Write number 1 to 5



**Note**

The teacher will tell the students to do practice of these numbers in their note book.





Count the sea creatures and write the number in the mentioned box.





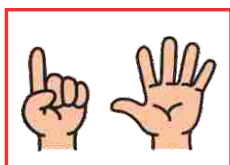




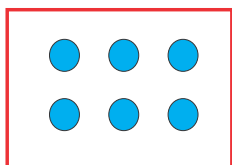


Let's learn

## Oral knowledge of number 6 to 9



With fingers



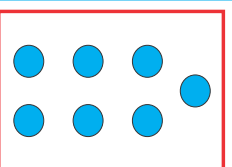
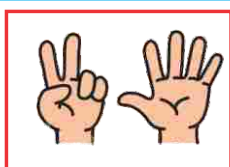
With dots



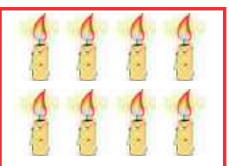
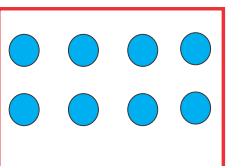
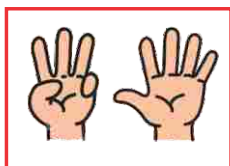
With objects

6

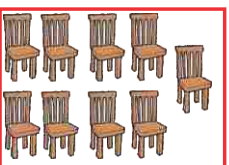
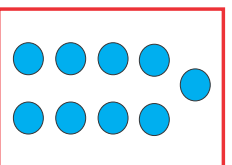
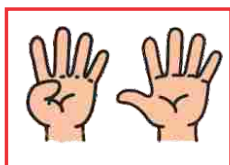
With maan cards



7

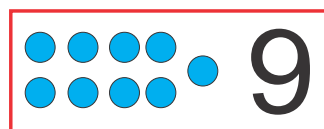
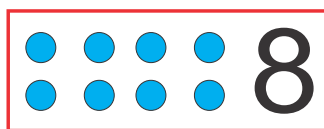
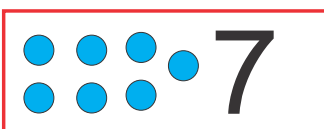
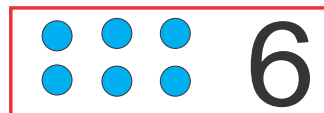
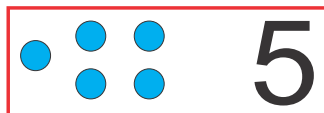
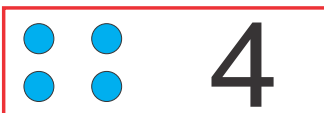
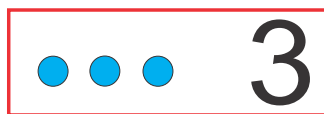
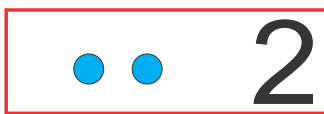
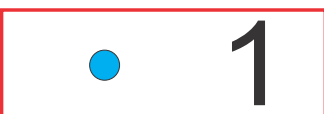


8



9

## Recognition of numbers 1 to 9



Note

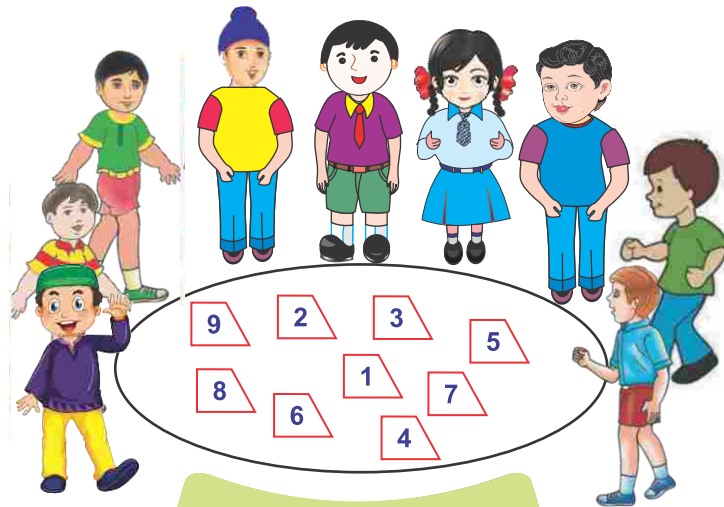
When the student starts counting objects from 1 to 5 and able to recognising and writing the numbers from 1-5, then teach him to count the numbers from 6 to 9 with the help of objects. To use maan card and number line while counting.



Take a Jump



Take a jump and bring the card



Stand in order  
according to numbers

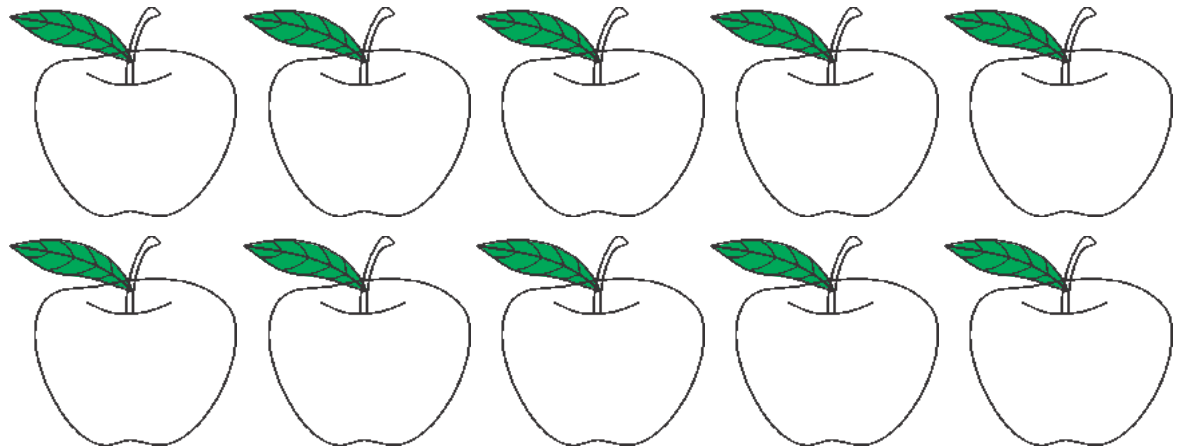


**Note**

- The teacher will speak any of the number from 1 to 9 and ask the student to jump on that number.
- Make a circle of the students and ask them to bring a maan card 1 to 9 those are lying inside the circle.
- The teacher will distribute maan cards to the students from 1 to 9 and ask them to stand in order according the maan card.



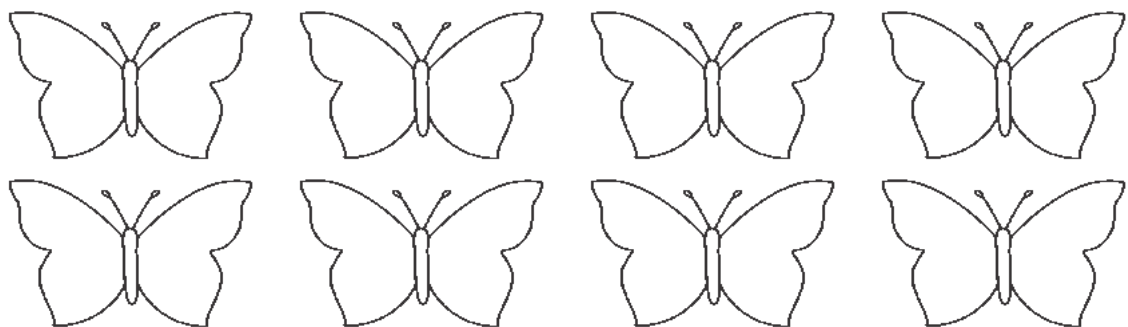
**Fill colour in 6 apples :**



**Fill colour in 8 balloons :**



**Fill colour in 7 butterflies :**



Put beads in the thread according to dots are shown on the face of dice and match them with the digits.

