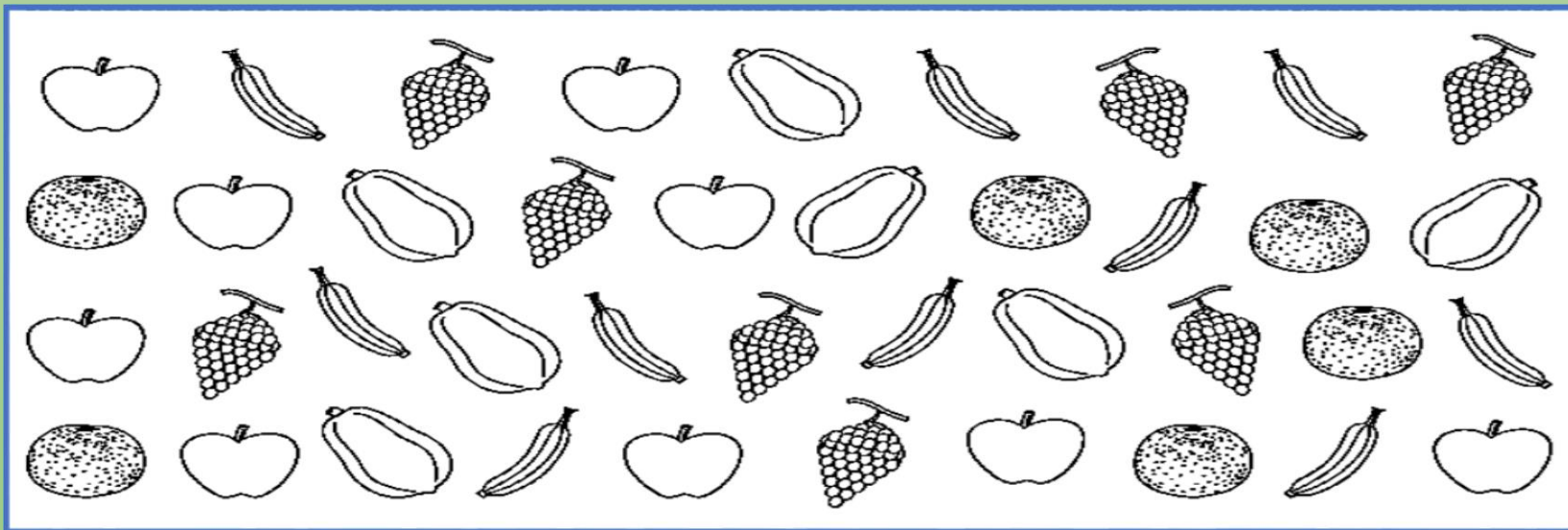# DATA HANDLING

Notes

FRUIT CHART

COLOUR

Look at the figures of various fruits given below and colour them with different colours :

Count the number of each type of fruit and fill in the blanks :

(a) Bananas 10

(b) Oranges

(c) Apples

(d) Papayas

(e) Grapes

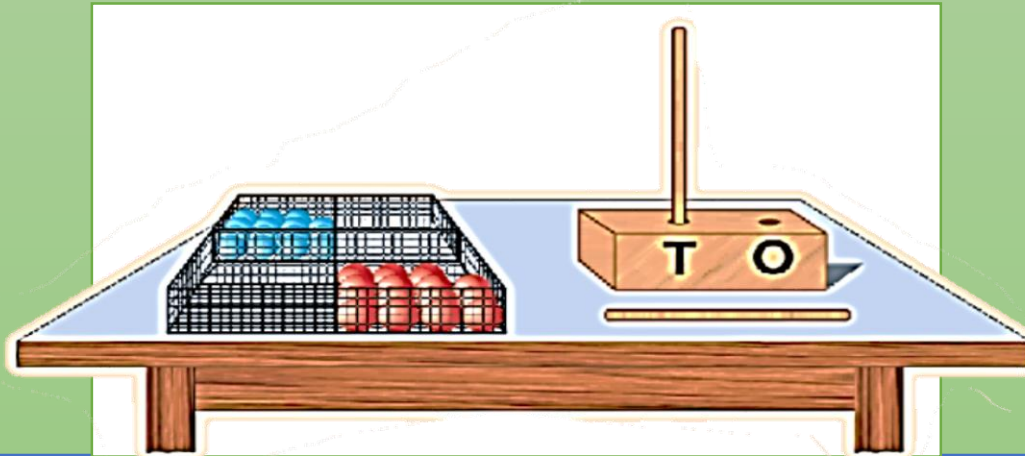## Representation of Two-digit Number

Objective

To represent the two-digit number, say **99** on the abacus.

Pre-requisite Knowledge

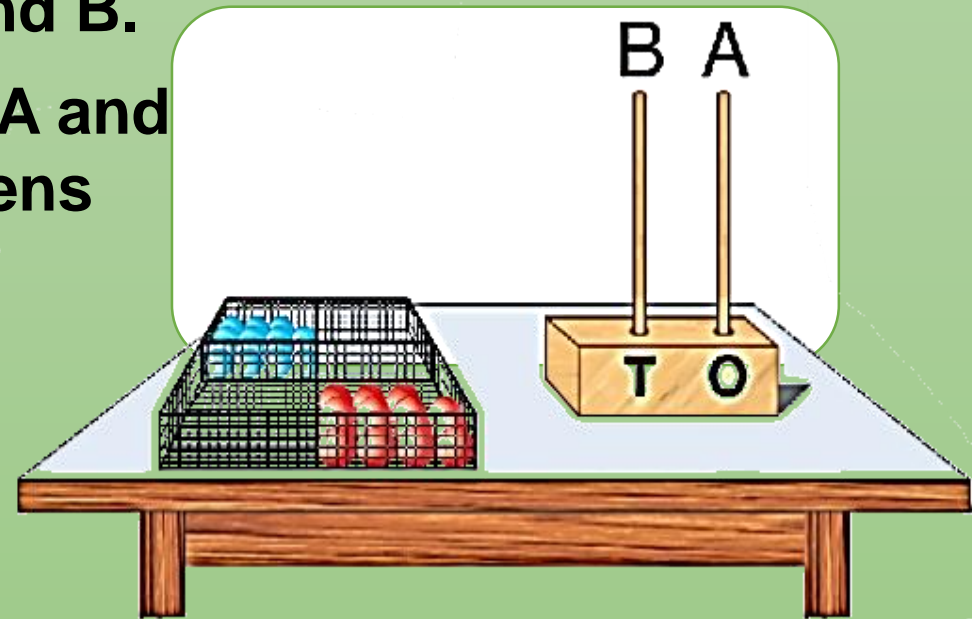(a) Concept of two-digit numbers

(b) Knowing abacus

Materials Required

1. Two light wooden sticks, each of same length

2. A wooden block with two holes at equal distance

3. Some light plastic balls (beads) of two different

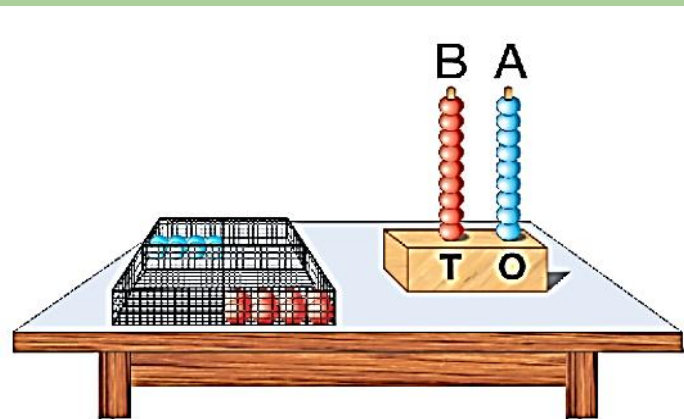   colures such as blue and red or any other combinations

Preparation for the Activity

1. Take the wooden block and fix the two wooden sticks in the holes.

2. Label these sticks as A and B.

3. Let the sticks labelled as A and represent ones (O) and tens (T) respectively.

4. Now, the figure shown represents an abacus. Place it on a table.

Demonstration

1. Since the number 99 has 9 ones, put 9 blue beads in stick A as shown in the figure.

2. The number 99 has 9 tens. So, put 9 red beads in stick B.

Number shown : 99

Conclusion

Now, you have represented the two-digit number 99 on the abacus. Read it as ninety-nine.

Making a Clock

Objective

To make a clock using the activity method.

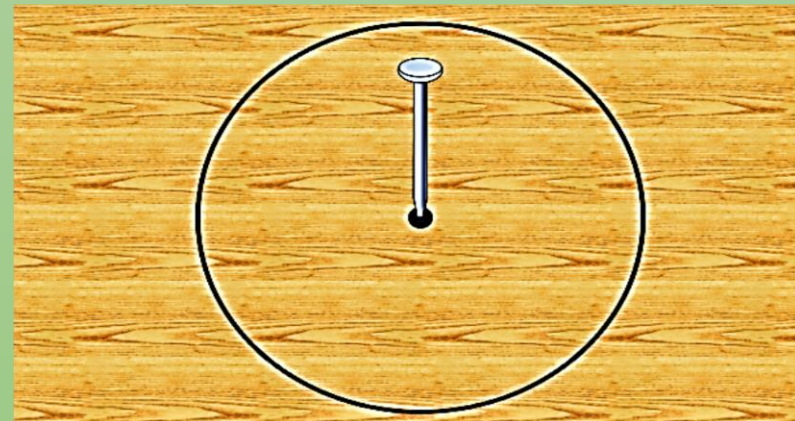### Pre-requisite Knowledge

(a) Circle

(b) Time

Materials Required

1. A Cardboard sheet

2. A Pencil

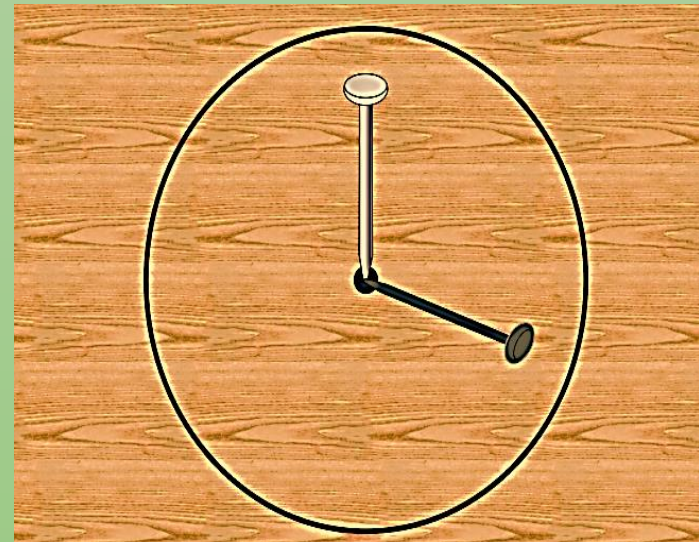3. A Nail or a thin Stick

4. Sunlight

Preparation for the Activity and Demonstration

1. Sketch a circle(full round) on the cardboard sheet.

2. In the centre of the circle, fix the nail or the thin stick.

3. Put this cardboard sheet in an open place (like roof of your house where there is the sun light) and watch the shadow of the nail / stick on the circle.

Observation

The shadow takes one complete round in a day from morning to evening. Mark the positions of the shadow when you,
(a) wake up in the morning,
(b) go to school,
(c) come back home from school,
(d) go to play.

Conclusion

Thus, you can make a clock by the activity method. You must be aware that this clock will not work at night or when the sky is cloudy.