

## Grade 5 – Smart Charts

Learning objectives

- Collects and records data.
- Represents the data in tabular form or bar graph.
- Represents fractions through chapatti chart or pie chart.
- Draws conclusion and inferences from the data.
- Solves simple problems using charts/data/graphs and picture

Duration: **2 classes**

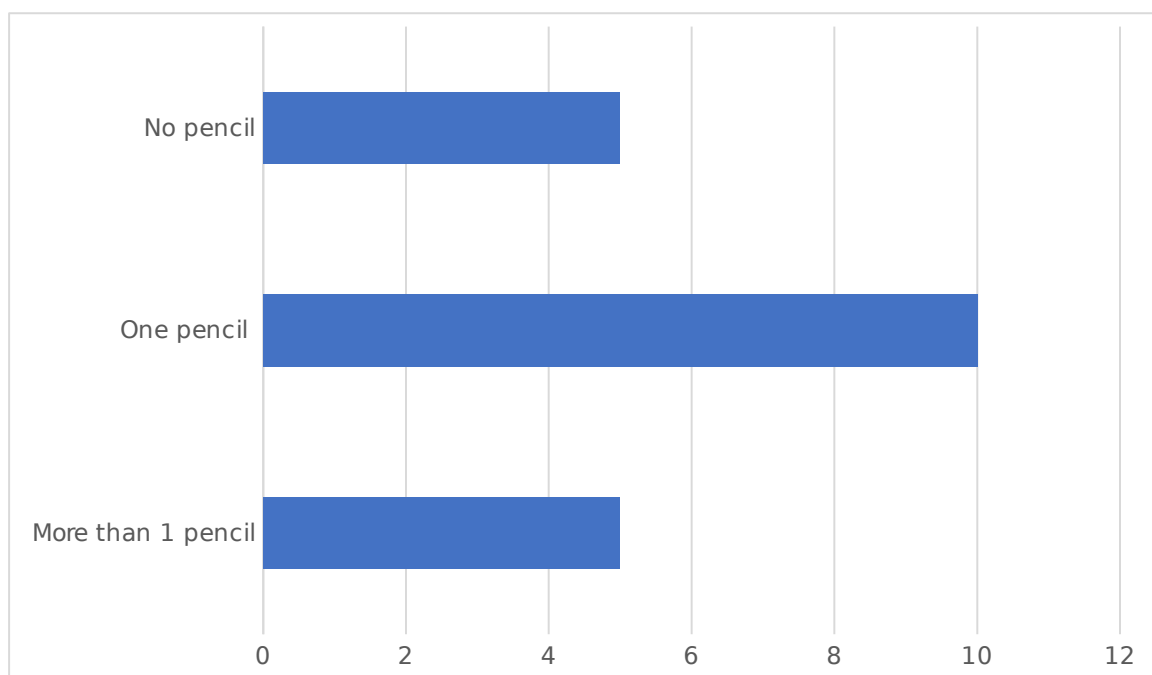
### Class 1

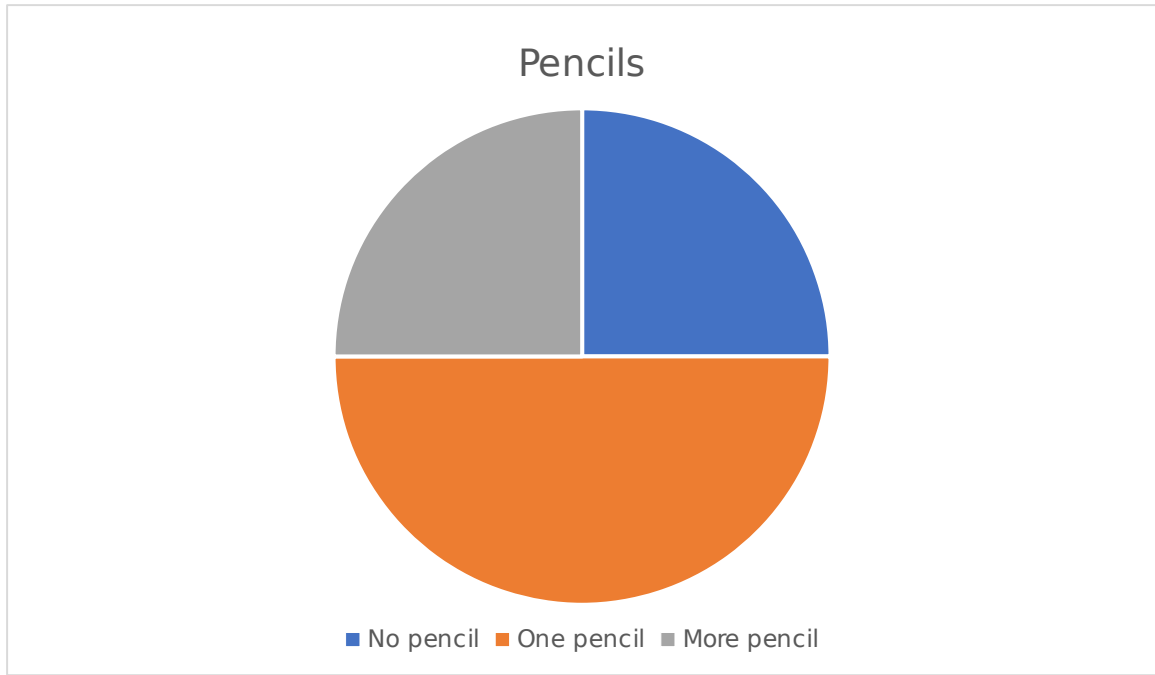
- Collects and records data.
- Represents the data in tabular form or bar graph.
- Represents fractions through chapatti chart or pie chart.

### Activity:

In this activity, the teacher should a question like “how many children have one pencil with them?”, “How many children have more than one?” and “How many do not have a pencil?”

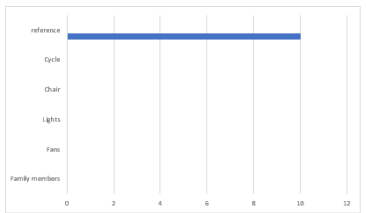
With the answers given by the students, both bar charts and pie charts can be constructed using the blackboard.



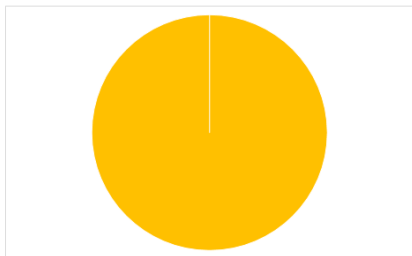


## Worksheet/Assessment

Worksheet for constructing bar chart and pie chart



Pie Chart for furniture (Number of bench, desk, chair, ~~almotab~~)

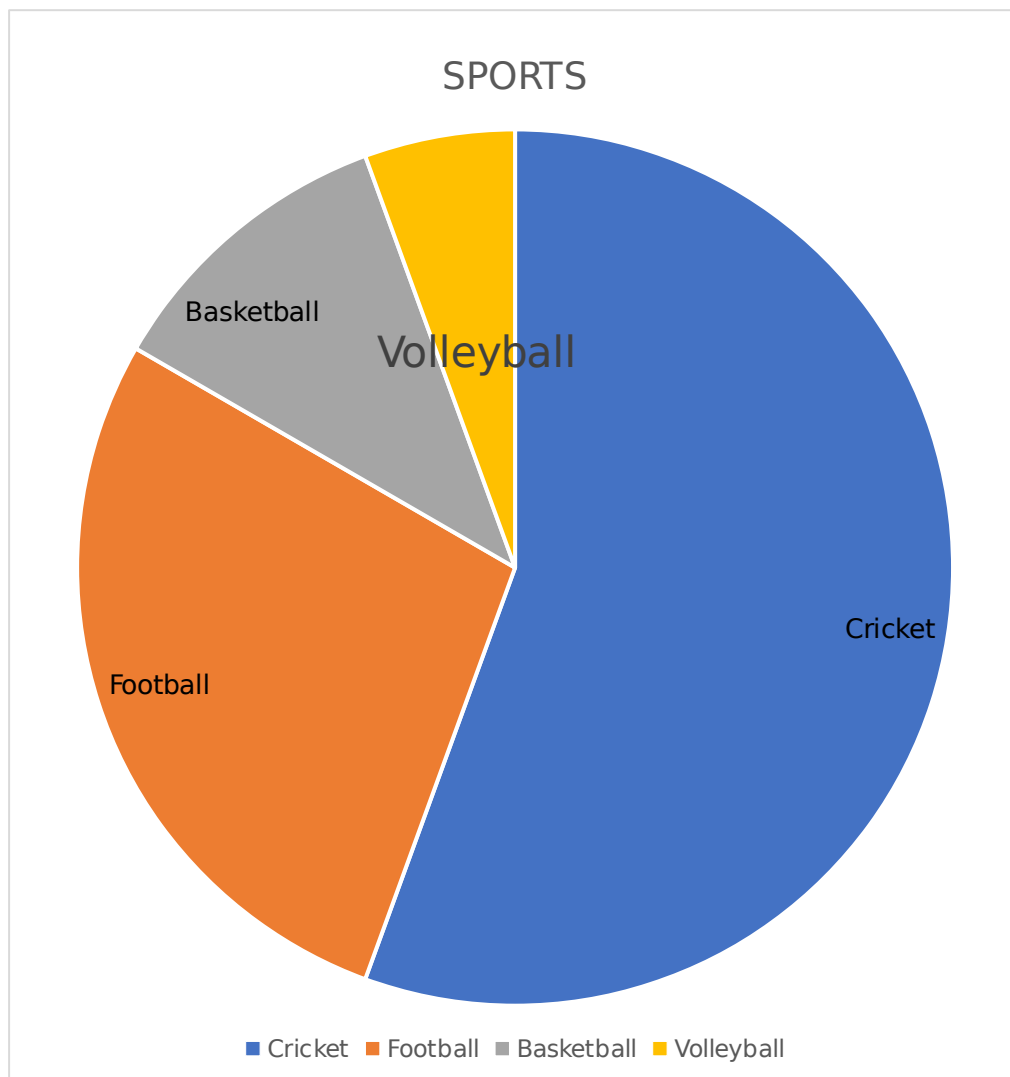


## Class 2

- Draws conclusion and inferences from the data.
- Solves simple problems using charts/data/graphs and picture

### Activity

The teacher gives the scenario, by showing a pie chart in which the most liked sports are illustrated. The discussion should proceed with a series of statements to know whether the statement is either true or false.



### Statements

1. Football is the most liked sports.
2. Volleyball is liked by more number of people than basketball
3. Cricket is the most liked sports.

### Worksheet/ Assessment

Worksheet for recounting the bar graph construction is given.