

Lesson Plan

Grade: Four

Subject: Math

Term: 3rd

Time: 40mins

Teacher's Name: _____

Week: 9

Day: 1

Unit 8: Data Handling

Topic: Line Graph

Student Learning Outcomes:

At the end of this period, the students will be able to:

- Read Line Graph.
- Interpret real life situations using data presented in line graphs.

Resource Material:

Chalk/Marker, White/Blackboard, Wallchart of line graph

Warm-up Activities:

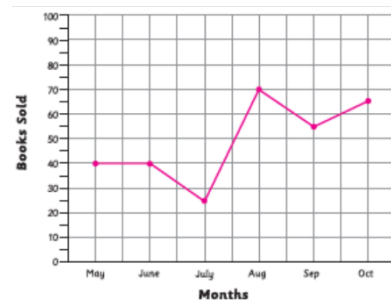
5mins

- Before beginning the lesson, ask students to say "Tasmiya."
- Ask students about the bar graph? Take their responses and tell them that bar graph is the representation of data in form of bars.

Teaching & Learning Activities:

25mins

- Tell students today we will learn about reading and interpreting line graph.
- Now tell them that there is another way to represent data that is called line graph. The data is representing by drawing line on the graph paper.
- Ask students: Do you know about line graph? Take their responses. Paste a wall chart of line graph on the board.
- Instruct them to observe the graph and tell what is it about? Take their responses and point out towards the graph and tell them that the graph is about the books sold in 6 months from May to October.
- Now tell them that the books sold are along the y-axis and the numbers of months are along the x-axis. Ask students to observe and tell how many books were sold in month of July. Take their responses and tell them that as the point lies between 20 and 30 so 25 books were sold. Ask different questions related to the graph ask students to read and answer the questions. Appreciate them for their correct answer.



Review:

3mins

Sum up the lesson by re-telling students how to read and interpret the line graph by asking questions related to that graph.

Evaluation:

5mins

To check students understanding ask them to read and interpret the line graph and tell what this graph is about on page 114.

Homework:

2mins

Revise the classwork.

Lesson Plan

Grade: Four	Subject: Math	Term: 3 rd	Time: 40mins
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Teacher's Name: _____	Week: 9	Day: 2
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Unit 8: Data Handling	Topic: Line Graph
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Student Learning Outcomes:

At the end of this period, the students will be able to:

- Read Line Graph.
- Interpret real life situations using data presented in line graphs.

Resource Material:

Chalk/Marker, White/Blackboard, Math Textbook, Wallchart of line graph

Warm-up Activities:

5mins

- Before beginning the lesson, ask students to say "Tasmiya."
- Ask students how can we draw a line graph? Take their responses.

Teaching & Learning Activities:

25mins

- Make groups of students and give each group a flash card of line graph and questions about that graph.
- Ask them to read the graph and answer the given questions. Roam around the class, check their work and guide them if required.
- Appreciate them for their good work.

Review:

3mins

Revise the lesson by explaining to students about line graph.

Evaluation:

5mins

To evaluate the students, draw a line graph on the board and ask students to tell the scale of that graph and ask different questions about that graph.

Homework:

2mins

Solve Q3 of Exercise 8.1 of their Textbooks.

Lesson Plan

Grade: Four

Subject: Math

Term: 3rd

Time: 40mins

Teacher's Name: _____

Week: 9

Day: 3

Unit 8: Data Handling

Topic: Pie Chart

Student Learning Outcomes:

At the end of this period, the students will be able to:

- Read Pie Chart.
- Interpret real life situations using data presented in Pie Chart.

Resource Material:

Chalk/Marker, White/Blackboard, Math Textbook

Warm-up Activities:

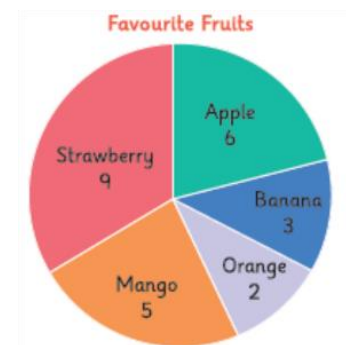
5mins

- Before beginning the lesson, ask students to say "Tasmiya."
- Ask student: what is line graph? What is the difference between line graph and bar graph? Take their responses and appreciate them for their correct response.

Teaching & Learning Activities:

25mins

- Tell students today we will learn about reading and interpreting pie graph. Ask students: Do you know about pie chart? Take their responses and appreciate them if same one gives the right answer. Paste a wall chart of pie chart on the board.
- Ask students: Do you know what is pie chart. Take their responses and tell them that in a pie chart is a circle divided into several parts and each part shows a value of single item or one type of thing.
- Instruct them to observe the graph and tell what it is about? Take their responses and point out towards the chart and tell them that the graph is about the favorite fruits of grade 4 students. Point out toward the green part of the circle and ask how many students like apple. Take their responses and tell them that 6 students like apples. Ask different questions related to the pie chart ask students to read and answer the questions. Appreciate them for their correct answer.



Review:

3mins

Revise the lesson by telling students about pie chart.

Evaluation:

5mins

To assess the students understanding, ask them to solve Q1 of Exercise 8.2 of their textbooks.

Homework:

2mins

Revise the classwork.

Lesson Plan

Grade: Four

Subject: Math

Term: 3rd

Time: 40mins

Teacher's Name: _____

Week: 9

Day: 4

Unit 8: Data Handling

Topic: Pie Chart

Student Learning Outcomes:

At the end of this period, the students will be able to:

- Read Pie Chart.
- Interpret real life situations using data presented in Pie Chart.

Resource Material:

Chalk/Marker, White/Blackboard, Worksheet, Wallchart of pie graph, flash card of pie chart and question related to it

Warm-up Activities:

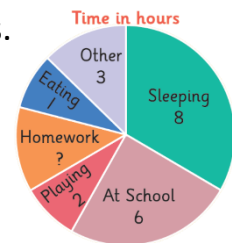
5mins

- Before beginning the lesson, ask students to say "Tasmiya."
- Ask students to tell: what is pie chart? How we can show value by using pie chart. Take their responses and appreciate them for their correct response.

Teaching & Learning Activities:

25mins

- Paste a wallchart of pie chart on the board. Tell students this is a pie chart of the Ali one day activities and time spends on those activities. Call a student to the front of the class and ask him/her to read the graph carefully and talk about the parts of the circle and tell in how many parts the given circle is divided into. Take his/her response and appreciate for his/her correct answer. Now call another student to the front of the class and ask him/her to tell how many hours Ali spends in school. Take his/her response and appreciate him/her for their correct answer. Repeat this activity to random students of the class.
- Make two groups of the students. Give each group a pie chart and the questions related to that chart. Ask them to read the chart and give the answers of the questions. Roam around the class and check their work and ask them to share their finding with each other.



Review:

3mins

Sum up the lesson by re-telling students pie chart that a pie chart is a circle that is divided into several parts and each part shows a single value.

Evaluation:

5mins

To assess students learning, ask different question related to pie chart by pointing pie chart on the wallchart.

Homework:

2mins

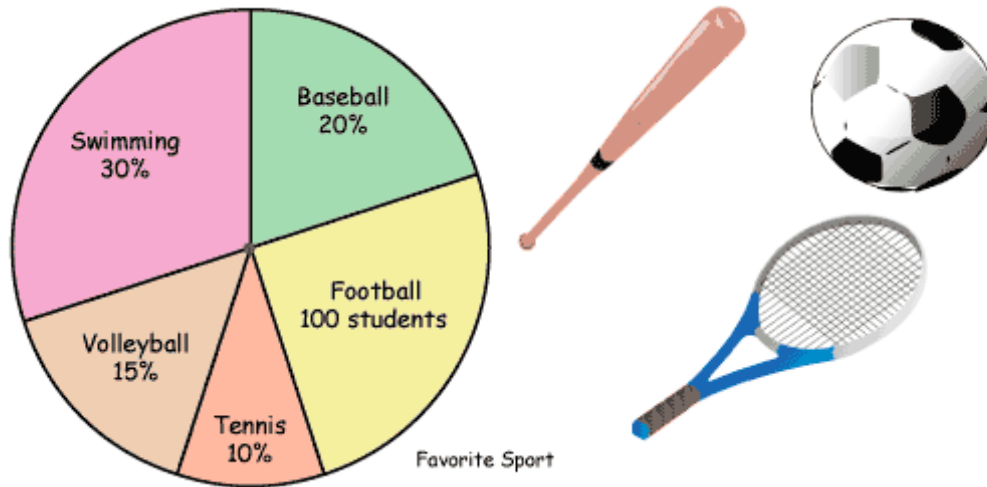
Solve the given worksheet.

Name: _____

Subject: Math

Topic Name: Pie Chart

1. We asked a group of students about their favorite sport and made a pie graph of our findings. Use the information to answer the question.



- 1) What percentage of the students likes football the most?
- 2) How many students prefer swimming?
- 3) What fraction of the students likes football or baseball the most?
- 4) How many students do not like volleyball the most?
- 5) How many students like tennis or football the most?
- 6) How many students were asked about their favorite sport?

Lesson Plan

Grade: Four	Subject: Math	Term: 3 rd	Time: 40mins
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Teacher's Name: _____	Week: 9	Day: 5
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Unit 8: Data Handling	Topic: Summary and review Exercise
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Student Learning Outcomes:

At the end of this period, the students will be able to:

- Recall the concepts of the whole unit.

Resource Material:

Chalk/Marker, White/Blackboard, Textbook pages 144 and 145

Warm-up Activities:

5mins

- Before beginning the lesson, ask students to say "Tasmiya."
- Tell students that they are going to recall all the concepts of the Unit "Data Handling".
- Ask them the following to let them revise the basic concepts of Data handling:

Teaching & Learning Activities:

30mins

- Have students open pages 122 of their textbooks. Ask them to solve Q1 and Q2 of "Review Exercise" in their notebooks. Walk around the class and appreciate them for the correct solutions. Guide them if required.

Review:

3mins

Revise the lesson by repeating the summary of the unit.

Evaluation:

0mins

N/A

Homework:

2mins

Solve Q3 of Review Exercise.

Lesson Plan

Grade: Four **Subject:** Math **Term:** 3rd **Time:** 40mins

Teacher's Name: _____ **Week:** 9 **Day:** 6

Unit 8: Data Handling **Topic:** Summary and review Exercise

Student Learning Outcomes:

At the end of this period, the students will be able to:

- Recall the concepts of the whole unit.

Resource Material:

Chalk/Marker, White/Blackboard, Math Textbook

Warm-up Activities:

5mins

- Before beginning the lesson, ask students to say "Tasmiya."
- Tell students that they are going to recall all the concepts of the Unit "Data Handling".
- Ask them the following to let them revise the basic concepts of data handling:

Teaching & Learning Activities:

30mins

- Have students open page 123 of their textbooks. Ask them to solve Q4 of "Review Exercise" in their notebooks. Walk around the class and appreciate them for the correct solutions. Guide them if required.

Review:

3mins

Sum up the lesson by repeating the summary of the unit.

Evaluation:

0mins

N/A

Homework:

2mins

Revise the classwork.