

# Lesson Plan

Grade: Three

Subject: Maths

Term: 3<sup>rd</sup>

Time: 40mins

Teacher's Name: \_\_\_\_\_

Week: 8

Day: 1

Unit 7: Data Handling

Topic name: Carroll Diagram

## Student Learning Outcomes:

Read and interpret a Carroll diagram.

## Resource Material:

Chalk/Marker, White/Blackboard, Math Textbook, Wallchart of Carroll diagram.

## Warm-up Activities:

5mins





Ask students: How are you? Encourage them to say, "Alhamdulillah".

Ask them about their homework. Ask students some questions related to quadrilaterals. What is quadrilateral? Is square is a type of quadrilateral? How many sides a square has? Take their responses and appreciate them for their correct answer.

## Teaching and Learning Activities:

20 mins

- Tell student we will learn about Carroll diagram. Ask students do you know about Carroll diagram.
- Take their responses and tell them that we can classify objects according to their characteristics by using Carroll diagram.
- Tell them Carroll diagram is used to sort objects based on two different attributes (Characteristics).
- It can be used to classify objects like numbers, figures and different things on the basis of some of their attributes.
- Now paste a Carroll diagram on the board and ask students to observe and tell on which characteristics these shapes are classified in Carroll diagram.
- Take their responses and tell them that first we separate out the shapes on the bases of colors and then we classify the shapes on the bases of their straight and curved sides. Ask them to observe the Carroll diagram and then ask different questions related the given diagram. Appreciate them for their correct answers.

	Shapes with curved lines	Shapes with straight lines
Pink Shapes		
Blue Shapes		

## Review:

3mins

Sum up the lesson by retelling students we can classify and organise objects on the basis of their characteristics.

Evaluation:

10mins

To assess the students learning, ask them to solve Example 2 in their notebook. Roam around the class check their work and help them if they needed.

Homework:

2mins

Revise the classwork.

# Lesson Plan

Grade: Three

Subject: Maths

Term: 3<sup>rd</sup>

Time: 40mins

Teacher's Name: \_\_\_\_\_

Week: 8

Day: 2

Unit 7: Data Handling

Topic name: Carroll Diagram

## Student Learning Outcomes:

Represent data by Carroll diagram.

## Resource Material:

Chalk/Marker, White/Blackboard, Math Textbook, wallchart of Carroll diagram

## Warm-up Activities:

5mins

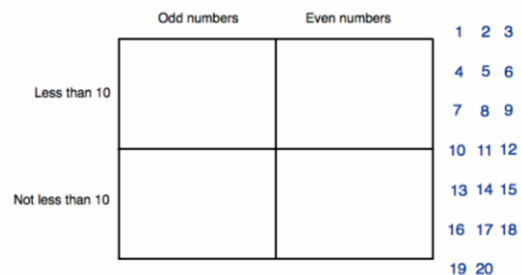
Ask students: How are you? Encourage them to say, "Alhamdulillah".

Ask them about their homework. Paste a wallchart of Carroll diagram and ask students to read and interpret the diagram and then ask questions related to the Carroll diagram.

## Teaching and Learning Activities:

20 mins

Tell students today we will learn about how to represent data in Carroll diagram write different numbers on the board. Now ask them to observe the numbers. Tell them we separate out the numbers that are less than 10 and that are greater than 10. Now take the numbers that are less than 10 and



divide that numbers into two groups even and odd numbers. And write them in the given boxes. Now take the numbers that are greater than 10 and then divide also that numbers into two groups that are even and odd numbers. Now show these numbers in the Carroll diagram.

Explain each step to students how to represent data in the Carroll diagram.

Make two groups of the students. Give them data of different numbers and ask them to observe and identify the characteristics of the data and the show this data in Carroll diagram. Roam around the class and check their work and guide them where needed. Appreciate them for their good work and discuss with them about their common mistakes.

## Review:

3mins

Sum up the lesson by retelling students we can represent data in the Carroll diagram on the basis of their characteristics.

## Evaluation:

10mins

To check the students grip, give them some numbers and ask them to show these numbers in Carroll diagram.

Homework:

2mins

Ask them to solve Q4 of Exercise 7.1 in their textbooks.

# Lesson Plan

Grade: Three

Subject: Maths

Term: 3<sup>rd</sup>

Time: 40mins

Teacher's Name: \_\_\_\_\_

Week: 8

Day: 3

Unit 7: Data Handling

Topic name: Carroll Diagram

## Student Learning Outcomes:

Represent data by Carroll diagram.

## Resource Material:

Chalk/Marker, White/Blackboard, Math Textbook, flash cards of 3-D shapes

## Warm-up Activities:

5mins

Ask students: How are you? Encourage them to say, "Alhamdulillah".

Ask students about their homework. Ask students: What is Carroll diagram? How we can represent data using Carroll diagram. Take their responses and appreciate them for their correct answers.

## Teaching and Learning Activities:

25 mins

Tell students today we will learn about how to represent data using Carroll diagram. Give flash cards of 3D shapes to students and ask them to represent that 3D shapes on the basis of straight and curved sides on the Carroll diagram. Ask them then classify the 3D shapes that can roll and then can slide. Roam around the class, check their work and guide them where needed. Now ask them to come one by one to the front of the class and show their working to the whole class. The student with correct and accurate working is the winner.

## Review:

3mins

Sum up the lesson by retelling students about Carroll diagram and explain the Point to remember.

## Evaluation:

5mins

To assess the students learning, ask them how we can represent data in the Carroll diagram. Take their responses and given them some numbers and ask them to observe and arrange them in Carroll diagram.

## Homework:

2mins

Revise the classwork.

# Lesson Plan

Grade: Three

Subject: Maths

Term: 3<sup>rd</sup>

Time: 40mins

Teacher's Name: \_\_\_\_\_

Week: 8

Day: 4

Unit 7: Data Handling

Topic name: Carroll Diagram

**Student Learning Outcomes:**

Read and interpret a Tally chart.

**Resource Material:**

**Resource Material:**

Chalk/Marker, White/Blackboard, Wallchart of tally chart

**Warm-up Activities:**

5mins






Ask students: How are you? Encourage them to say, "Alhamdulillah".

Ask students about their homework. Ask students: ask student what is the Carroll diagram? How we can represent data using Carroll diagram. Take their responses and appreciate them for their correct answer.

**Teaching and Learning Activities:**

20 mins

Tell students today we will learn another form of organizing data that is called tally chart. Tell them that in tally chart we represent data by using tally mark. Now paste wall chart of tally chart on the board. And ask students to observe and interpret that graph. Ask students: Do you know about tally chart? Take their responses and appreciate if someone gives the answer.

	TALLY	NUMBER
 spider		
 ant		22
 snail		3
 butterfly		6
 bee		8

Now point out towards the tally mark and

tell them that each tally mark represents one value. Four tally marks represent 4 values and the fifth value is represented by crossing the four tally marks. Now ask students to read and interpret the graph and the ask question related to the graph.

**Review:**

3mins

Sum up the lesson by retelling students there is another way to organize and represent data that is called tally chart. Tell them the marks in Tally column are equal to the number of observation in the data.

**Evaluation:**

10mins

To check the students grip, draw a tally chart on the board and ask different questions related to the graph.

**Homework:**

2mins

Ask them to solve Q1 of Exercise 7.1 in their textbooks.

# Lesson Plan

Grade: Three

Subject: Maths

Term: 3<sup>rd</sup>

Time: 40mins

Teacher's Name: \_\_\_\_\_

Week: 8

Day: 5

Unit 7: Data Handling

Topic name: Tally Chart

**Student Learning Outcomes:**

Read and interpret a Tally chart.

**Resource Material:**

Chalk/Marker, White/Blackboard, Wallchart of tally chart, Math Textbook page 129

**Warm-up Activities:**

5mins

Ask students: How are you? Encourage them to say, "Alhamdulillah".

Ask students about their homework. Ask students: What is the tally chart? How many tally marks represent 5 values? Take their responses and appreciate them for their correct answer.

**Teaching and Learning Activities:**

20 mins

Tell students today we will learn another form of organizing data that is called tally chart. Tell them that in tally chart we represent data by using tally mark. Now paste wall chart of tally chart on the board. And ask students to observe and interpret that graph. Now ask students to read and interpret the graph and the ask question related to the graph.

Jellybean Flavors	
Cherry	
Pineapple	
Licorice	
Grape	
Apple	

Ask them how many cherry represented in the tally chart? Take their responses and then count and 17 cherries represented in the tally chart. Similarly ask different questions related to the tally chart and appreciate them for their correct answers.

**Review:**

3mins

Sum up the lesson by explaining to students about the tally chart and explain Point to Remember given at textbook page 129.

**Evaluation:**

10mins

To check the students grip, draw tally chart on the board and ask them to read and interpret the tally chart and then answer the questions about the tally chart.

**Homework:**

2mins

Solve Q2 of Exercise 7.1 in their textbooks.

# Lesson Plan

Grade: Three

Subject: Maths

Term: 3<sup>rd</sup>

Time: 40mins

Teacher's Name: \_\_\_\_\_

Week: 8

Day: 6

Unit 7: Data Handling

Topic name: Tally Chart

**Student Learning Outcomes:**

Represent data by Tally chart.

**Resource Material:**

Chalk/Marker, White/Blackboard, Math Textbook page 127

**Warm-up Activities:**

5mins

Ask students: How are you? Encourage them to say, "Alhamdulillah".

Ask students about their homework. Paste a wallchart of the tally chart on the board. Ask students to read and interpret the graph and then ask questions related to that graph.

**Teaching and Learning Activities:**

20 mins

Tell students today we will learn about how to represent data using tally chart. Write the data of birthdays of students in different months. Tell them that now we represent this data by using tally chart. Draw a table on the board. Write the months in one column and the tally mark in the next column. Tell them that there are 5 students whose birthdays are in month of January. So we draw 4 tally marks and one mark that cross the four tally marks. Now tell them that as there are 6 students whose birthday is in the month of March so we draw four tally mark and fifth that cross the four tally marks and then draw one tally mark. Represent the remaining data in the tally chart and explain it to students.

Maths	January	March	August	December
Birthdays	5	6	8	3

**Birthday Months**

Months	Tally	
January		→ 5 birthdays
March	/	→ 6 birthdays
August	/	→ 8 birthdays
December		→ 3 birthdays

Ask them to open their textbook page 127 and solve the example 1 in their notebooks.

**Review:**

3mins

Explain the students how to represent data using tally chart by solving different examples on the board.

**Evaluation:**

10mins

To assess the students grip give them data of the favourite colours of the students of grade 3 and ask them to represent this data in the tally chart.

**Homework:**

2mins

Ask them to solve Q3 of Exercise 7.1 in their textbooks.