

# Lesson Plan

Grade: Three

Subject: Maths

Term: 3<sup>rd</sup>

Time: 40min

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

Week: 3

Day: 1

Unit 1: Whole Numbers

Topic: Comparing Numbers

## Student Learning Outcomes:

- Identify center, radius and diameter of a circle.

## Resource Material:

Chalk/Marker, White/Blackboard, A big flash card of circle, blank papers, scissors, Math Textbooks

## Warm-up Activities:

5mins

Before beginning the lesson, ask students to say "Tasmiyah".

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

Ask students about their homework. Draw a circle on the board and ask them to tell the name of the given shape. Take their response that must be circle.

Now call a student to the front of the class and ask him/her to mention its centre point. Take their response and appreciate them for their correct answer.

## Teaching and Learning Activities:

20 mins

- Tell students today we will learn about circle and its parts. Draw a circle on the board and also a centre point of the circle. Ask students: Do you know about the diameter of the circle?
- Take their responses and then take a paper and cut it with the help of cutter or scissor in shape of circle. Show the circle to students.
- Now fold the circle from the mid and show it to them the line that is in the mid of the circle. Tell them that this line is called the diameter of the circle.
- Tell them a line segment that divides the circle into two equal parts is called diameter.
- Here AB is diameter of the circle.
- Make pairs of students. Give each pair a blank paper and a cutter. Instruct them to cut the paper into circle and mark the centre of the circle with the help of pencil. Then draw a line that pass through the circle and meet the end points of the circle. That line is the diameter of the circle. Roam around the class, check their work and guide them.

**Review:**

**3mins**

Explain the students about the diameter of the diameter of the circle. Also explain that diameter always passes through the centre of the circle.

**Evaluation:**

**10mins**

To assess the students learning, ask them to what is meant by diameter of the circle. Ask them to draw a circle in their notebook and then show diameter of the circle.

**Homework:**

**2mins**

Revise the classwork.

# Lesson Plan

Grade: Three

Subject: Maths

Term: 3<sup>rd</sup>

Time: 40min

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

Week: 3

Day: 2

Unit 6: Geometry

Topic: Circle

## Student Learning Outcomes:

- Identify center, radius and diameter of a circle.

## Resource Material:

Chalk/Marker, White/Blackboard, Maths Textbook, scissors, paper, pencil

## Warm-up Activities:

20mins

Before beginning the lesson, ask students to say "Tasmiyah".

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

Ask student about their homework. Call a student to the front of the class and ask him/her to draw a circle and then show centre point and diameter of the circle. Also give name to the centre and diameter of the circle.

Take his/her response and appreciate him/her for his/her good work.

## Teaching and learning Activities:

25 mins

- Tell students today we will learn about the circle and its parts. Draw a circle on the board and also a centre point and diameter of the circle. Ask students: Do you know about the radius of the circle? Take their responses and then take a paper and cut it with the help of a cutter or scissors in the shape of a circle. Show the circle to students. Now fold the circle from mid and show it to them the line that is in the mid of the circle. Tell them that this line is called the diameter of the circle. Now point out the line that is from centre to the end of the circle and tell them that this line is radius of the circle. Tell students a circle has numbers of radius as every line that starts from the centre and meets the endpoint of the circle is the radius.



- Make pairs of students. Give each pair a blank paper and a cutter. Instruct them to cut the paper into circle and mark the centre of the circle with the help of pencil. Then draw a line that start from the centre of the circle and meet at endpoints of the circle. That line is the radius

of the circle. Roam around the class, check their work and guide them. Ask them to raise hand when finished. Call one by one each pair to the front of the class and ask them to present their work.

**Review:**

**3mins**

Sum up the lesson by explaining to students about the radius and diameter of the circle by draw a circle and labelling its diameter and radius.

**Evaluation:**

**5mins**

To assess students learning, ask them what is the difference between diameter and radius of the circle? Take their responses and then ask them to draw a circle and label its parts. Roam around the class, check their work and guide them where needed.

**Homework:**

**2mins**

Ask them to solve Q of Exercise 6.4 in their textbooks.

# Lesson Plan

Grade: Three

Subject: Maths

Term: 3<sup>rd</sup>

Time: 40min

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

Week: 3

Day: 3

Unit 6: Geometry

Topic: Circle

## Student Learning Outcomes:

- Identify center, radius and diameter of a circle.

## Resource Material:

Chalk/Marker, White/Blackboard, Maths Textbook, papers, worksheet

## Warm-up Activities:

5mins

Before beginning the lesson, ask students to say "Tasmiyah".

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

Ask students about their homework. Draw a circle and its parts. Call a student to the front of the class and ask him/her to label the parts of the circle. Take his/her response and appreciate her/him for his/her correct response. Repeat this activity with two or more students of the class.

## Teaching and Learning Activities:

25 mins

- Call a student to the front of the class. Instruct him/her to draw a circle on the board and then show a centre point of that circle. Now call another student to the front of the class and ask him/her to draw a line that shows the diameter of the circle and name it. Ask the rest of the class to check and tell whether it is correct or not. Now ask students: How many diameters a circle has? Take their responses and tell them a circle has unlimited diameters as all lines that passes through centre point and meet the endpoint of the circle is the diameter of the circle. Now call another student to the front of the class and ask him/her to three radii of that circle. Take his/her responses and appreciate his/her for his/her correct responses. Repeat this activity to some other students of the class.
- Ask students to open their textbook and observe the circle and the objects that are in circle shape. Ask them to look at the steps of folding paper and for the parts of the circle as given in the book. Take paper and repeat that steps and show each part of the circle that mentions in book.

Review: 3mins

Sum up the lesson by retelling students about the circle and its parts. Also explain the important key points related to the circle and its parts.

Evaluation: 5mins

To assess the students learning ask them about circle and its parts. Ask them to draw different shapes of circle and label its parts.

Homework: 2mins

Ask them to given worksheet.

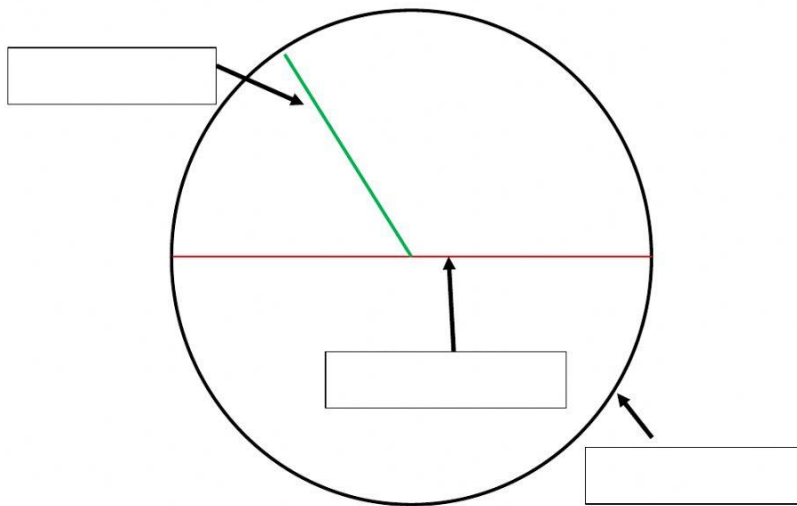
### Worksheet

Name: \_\_\_\_\_

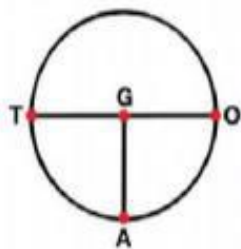
Subject: Maths

Topic Name: Ordering Numbers

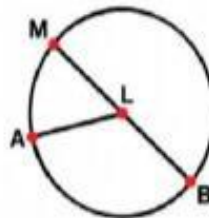
1. Label the parts of the circle.



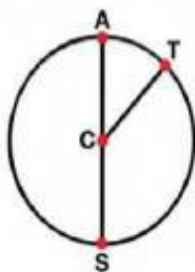
2. Write the names of the parts of the given circle.



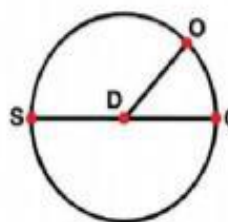
circle: \_\_\_\_\_  
radius: \_\_\_\_\_  
diameter: \_\_\_\_\_



circle: \_\_\_\_\_  
radius: \_\_\_\_\_  
diameter: \_\_\_\_\_



circle: \_\_\_\_\_  
radius: \_\_\_\_\_  
diameter: \_\_\_\_\_



circle: \_\_\_\_\_  
radius: \_\_\_\_\_  
diameter: \_\_\_\_\_

# Lesson Plan

Grade: Three

Subject: Maths

Term: 3<sup>rd</sup>

Time: 40min

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

Week: 3

Day: 4

Unit 6: Geometry

Topic: Circle

## Student Learning Outcomes:

- Calculate perimeter of square.

## Resource Material:

Chalk/Marker, White/Blackboard, Maths Textbook, Flash cards of squares of different lengths

## Warm-up Activities:

5mins

Before beginning the lesson, ask students to say "Tasmiyah".

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

Ask students about their homework. Draw a circle on the board. Call a student to the front of the class and ask him/her to label the parts of the circle. Take his/her response and appreciate her/him for his/her correct responses.

## Teaching and Learning Activities:

25 mins

- Tell students today we will learn about how to calculate the perimeter of the square. Tell them that as square has four equal sides, draw a square of length 3 cm on the board. Write 9 cm along all its sides. Tell them that we can calculate the perimeter of a square by adding the length of its four sides. As square has four sides so add 9 cm four times
- Perimeter of a square = 3 cm + 3 cm + 3 cm + 3 cm = 12 cm or the perimeter of the square is  $4 \times \text{length of one side} = 4 \times 3 = 12\text{cm}$
- Explain to find the perimeter of square by solving different examples on the board.
- Make small groups of students. give each group some flash cards of squares of different length. Instruct them to find the perimeter of these squares. Roam around the class and check their work. Ask them to raise their hand when finished. Now call one by one each group to the front of the class and ask them to present their work to them. Appreciate them for their good work and also discuss with them about their common mistakes.

**Review:**

**3mins**

Explain the students a square has four sides. The length of all sides are equal. Tell them how to calculate the perimeter of square by solving examples of the board.

**Evaluation:**

**5mins**

To assess the students learning, ask them to solve Q1(i, ii) of Exercise 6.3 in their textbooks. Roam around the class, check their work and correct if needed.

**Homework:**

**2mins**

Revise the classwork.



# Lesson Plan

Grade: Three

Subject: Maths

Term: 3<sup>rd</sup>

Time: 40min

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

Week: 3

Day: 5

Unit 1: Whole Numbers

Topic: Estimation Rounding off Numbers

## Student Learning Outcomes:

- Round off a whole number to the nearest 100.

## Resource Material:

Chalk/Marker, White/Blackboard, Maths Textbook, Worksheet.

## Warm-up Activities:

5mins

Before beginning the lesson, ask students to say "Tasmiyah".

Ask students about their homework. Ask students: how we can find the perimeter of closed figures? Take their responses and tell them that by adding the lengths of all sides of the closed figure we can find the perimeter of that shape. Draw a square of 28 m and ask them to find the perimeter of that square in their notebook. Roam around and check their work and guide them where needed.

## Teaching and Learning Activities:

20 mins

- Tell students today we will learn about how to calculate the perimeter of the rectangle. Tell them that as rectangle has opposite sides of equal length or two long and two short sides, draw a rectangle of length 5 cm and width of 2 cm on the board. Tell them that we can calculate the perimeter of a rectangle by adding the length of its four sides. So now we calculate the perimeter of the rectangle by adding its lengths.
- Perimeter of a rectangle  $AB + BC + CD + DA = 5 \text{ cm} + 2 \text{ cm} + 5 \text{ cm} + 2 \text{ cm} = 14 \text{ cm}$
- Explain to find the perimeter of rectangle by solving different examples on the board.
- Make small groups of students. give each group some flash cards of rectangles of different length. Instruct them to find the perimeter of these rectangles. Roam around the class and check their work. Ask them to raise their hand when finished.

- Appreciate them for their good work and also discuss with them about their common mistakes.

Review: 3mins

Sum up the lesson by retelling students how to calculate the perimeter of rectangle by solving examples on the board.

Evaluation: 10mins

To assess the students learning, ask them to draw a perimeter of rectangle and label its sides.

Homework: 2mins

Solve Q1 (iii,iv) of Exercise 6.3 in their textbook.

# Lesson Plan

Grade: Three

Subject: Maths

Term: 3<sup>rd</sup>

Time: 40min

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

Week: 3

Day: 6

Unit 6: Geometry

Topic: Perimeter

## Student Learning Outcomes:

- Calculate perimeter of triangle.

## Resource Material:

Chalk/Marker, White/Blackboard, Maths Textbook, Flash cards of triangles of different length

## Warm-up Activities:

5mins

Before beginning the lesson, ask students to say "Tasmiyah".

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

Ask students about their homework. Ask students: "what is meant by perimeter? How to find the perimeter of square and rectangle? Take their responses and appreciate them for their correct answer.

## Teaching and Learning Activities:

20 mins

- Tell students today we will learn about how to calculate the perimeter of the triangle. Tell them that as triangle has three sides, that may be of equal length or not. Draw a triangle of the given length on the board. Tell them that we can calculate the perimeter of a triangle by adding the length of its three sides. As triangle has three sides of 5 cm, 4 cm and 7 cm length. So we can add these to find the perimeter of this triangle.  
Perimeter of a triangle  $AB + BC + CA = 5 \text{ cm} + 7 \text{ cm} + 4 \text{ cm} = 16 \text{ cm}$
- Explain to find the perimeter of triangle by solving different examples on the board.
- Make small groups of students. give each group some flash cards of triangles of different length. Instruct them to find the perimeter of these triangles. Roam around the class and check their work. Ask them to raise their hand when finished. Now call one by one each group to the front of the class and ask them to present their work to them. Appreciate them for their good work and also discuss with them about their common mistakes.

Review:

3mins

Sum up the lesson by explaining to students how to find the perimeter of triangle. Ask them to open their textbook page 117 and learn about perimeter of triangle and find the perimeter of the triangle in their notebooks.

Evaluation:

10mins

To assess the students, ask them to solve Q (iv,vi) of Exercise 6.3 in their textbook.

Homework:

2mins

Solve the given worksheet.

### Worksheet

Name: \_\_\_\_\_

Subject: Maths

Topic Name: Perimeter

1. Find the perimeter of each triangle.

