

# Lesson Plan

Grade: Three

Subject: Maths

Term: 3<sup>rd</sup>

Time: 40min

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

Week: 1

Day: 1

Unit 6: Geometry

Topic: Drawing and Measuring Line Segment (centimeter and millimeter)

## Student Learning Outcomes:

- Draw and measure the line segments to the nearest centimeter and millimeter.

## Resource Material:

Chalk/Marker, White/Blackboard, Math Textbook, Board geometry box

## Introduction / Warm-up Activities:

5mins

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

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

Tell them that today we will learn about how to measure the line segment.

Ask them: Do you know how we can measure the line segment? Take their responses and appreciate them for their correct answer.

## Teaching and Learning Activities:

20 mins

- Ask them to open their textbooks.



- Draw a line on the board with board marker of any length. Take a ruler and point out towards the Zero of the ruler and tell them that when we measure the line segment we start from 0 of the ruler. The long lines on the ruler represent centimeters and small lines represent millimetres. Now put the ruler along the line segment and measure the line with the help of ruler and explain each step to students.
- Tell them that the length of the line by pointing how many centimeter and millimetres long is the line segment. Repeat this activity by measuring different line segments and explaining students how to measure the line segment.
- Draw a line on the board. Call a student to the front of the class and instruct him/her to measure the line segment with the help of ruler. Ask the rest of the class, to check and tell whether he/she measuring the length of the line segment correctly. Appreciate him/her for measuring

correct length of the line segment. Repeat this activity to some students of the class.

**Review:**

**3mins**

Explain the lesson by retelling students how we can measure the line segment with the help of ruler by drawing different line segments and measuring with the help of ruler.

**Evaluation:**

**10mins**

To assess the students, ask them how we can measure the line segments, from where we start to measure on ruler, etc.

**Homework:**

**2mins**

Revise the classwork.

# Lesson Plan

Grade: Three

Subject: Maths

Term: 3<sup>rd</sup>

Time: 40min

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

Week: 1

Day: 2

Unit 6: Geometry

Topic: Measuring Line Segments  
(Centimeter and millimeter)

## Student Learning Outcomes:

- Draw and measure line segments to the nearest centimeter and millimeter.

## Resource Material:

Chalk/Marker, White/Blackboard, Maths Textbook, Board geometry box

## Warm-up Activities:

5mins

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

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

Point towards the ruler and ask students to tell the centimetre and millimetres on the ruler. Ask them how many millimetres are in one centimetre? Take their responses and appreciate them for their correct response.

## Teaching and Learning Activities:

20 mins

- Draw a line segment on the board and put the ruler on the line segment such the '0' of the ruler is at the starting point of the ruler and then read the reading of the ruler where the line segment ends. Tell the students how many centimetre and metre long the length of the line segment. Repeat this activity by measuring different line segments and tell students how to read the length of the line segment on the ruler. Tell students there are 10 millimetres between one metre by pointing toward the ruler and counting the number of small lines between two centimetres.
- Instruct students to draw a line segment in their notebook and measure the length of the line segment with help of the ruler. Roam around the class, check their work and guide them where needed. Ask students to open their textbook page 100 and point towards the ruler and tell how we measure the line segment with the help of ruler.

## Review:

3mins

Explain the students the concept of measurement and explain that we can use a ruler to measure the length of a line segment.

Evaluation:

10mins

To assess the students learning ask them to solve Q2 (i,ii,iii) of exercise 6.1 in their textbook.

Homework:

2mins

Revise the classwork.

# Lesson Plan

Grade: Three

Subject: Maths

Term: 3<sup>rd</sup>

Time: 40min

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

Week: 1

Day: 3

Unit 6: Geometry

Topic: Measuring Line Segments  
(Centimeter and millimeter)

## Student Learning Outcomes:

- Draw and measure line segments to the nearest centimeter and millimeter.

## Resource Material:

Chalk/Marker, White/Blackboard, Board Geometry box, Maths Textbook

## 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: how we can measure the line segment by using a ruler. Take their responses and instruct them to draw a line segment in their notebook and then measure and tell how many centimetres and millimetres long is the line segment. Take their responses and appreciate them for their correct work.

## Teaching and Learning Activities:

25 mins

- Tell students today we will learn about how to draw a line segment of the given length with the help of a ruler. Take a ruler and put it along the board. Tell them that we draw a line segment of 1 cm 9 mm long. For this put the tip of the marker on the 0 of the ruler and move along the ruler and count 9 small lines after 1 cm. point out a dot there and then remove the ruler and draw a line from 0 to that point. This is the line segment that is 1.9 cm long. Repeat this activity by drawing lines of different length with the help of ruler.



- Call a student to the front of the class and instruct him/her to draw the line segment of 7 cm 3 mm long with the help of a ruler. Ask the rest of the class, to check and tell whether he/she draw the correct line segment of exact measure 7 cm and 3 mm. Appreciate him/her for

drawing correct line segment of length 7 cm 3mm. Repeat this activity to some students of the class.

**Review:**

**3mins**

Sum up the lesson by re-telling students how to draw a line segment with the help of ruler by drawing different line segments of different lengths.

**Evaluation:**

**10mins**

To assess the students, ask them to draw a line segment of 4 cm 5 mm long in their notebook with the help of ruler. Roam around the class, check their work and guide where needed.

**Homework:**

**2mins**

Solve the Q2 (iv,v,vi) of Exercise in their textbooks.

# Lesson Plan

Grade: Three

Subject: Maths

Term: 3<sup>rd</sup>

Time: 40min

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

Week: 1

Day: 4

Unit 6: Geometry

Topic: Measuring Line Segments  
(Centimeter and millimeter)

## Student Learning Outcomes:

- Draw and measure line segments to the nearest centimeter and millimeter.

## Resource Material:

Chalk/Marker, White/Blackboard, Maths Textbook, Board geometry box

## Warm-up Activities:

5mins

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

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

Ask them about their homework. Ask students some questions related to draw a line with the help of ruler: How we can draw a line segment by using ruler?

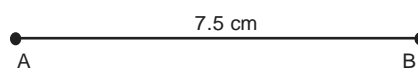
When we draw line with the help of ruler from where we start to draw a line?

Take their responses and appreciate them for correct answer.

## Teaching and Learning Activities:

20 mins

- Tell students today we will learn how to draw a line segment with the help of a ruler. Tell them that we are going to draw a line segment of 7.5 cm long. Tell them that to draw a line segment of 9 cm 5 mm first we look at point 0 of the ruler and put a dot there and then move along the ruler and after 7 we count 5 line and then put a dot there with the help of marker/chalk. Remove the ruler and join the two point and give names to the starting and ending point for example A and B. This shows that the line segment AB is 7 cm 5 mm long. Repeat this activity by drawing different line segments on the board and explain each step of drawing line segment to students.



- Ask students to open their textbook page. Ask them to observe the steps to draw a line segment of the given length. Instruct them to draw a line segment of the given length in their notebook. Roam around the class and check their working.

**Review:**

**3mins**

Sum up the lesson by retelling the steps to draw the line segment of a given length.

**Evaluation:**

**10mins**

To assess the students learning, ask them to solve Q 3 (i,ii,iii,iv) of Exercise 6.1 in their textbook. Roam around the class, check their work and guide where needed. Appreciate them for their good work.

**Homework:**

**2mins**

Revise the classwork.



# Lesson Plan

Grade: Three

Subject: Maths

Term: 3<sup>rd</sup>

Time: 40min

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

Week: 1

Day: 5

Unit 6: Geometry

Topic: Point, Line, Segment and Ray

## Student Learning Outcomes:

- Recognize point, line, ray and line segment.

## Resource Material:

Chalk/Marker, White/Blackboard, Maths Textbook, Map

## Warm-up Activities:

5mins

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

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

Ask them about their homework. Ask students to draw a line of 3 cm 8 mm in their notebook with the help of ruler. Roam around the class, check their work and guide them if required.

## Teaching and Learning Activities:

20 mins

- Tell students today we will learn about point and line. Ask them: Do you know about point? Take their responses and appreciate if someone gives the right answer. Now paste a map on the wall and Tell them that when we search on map a specific city or country the map shows a red mark on that city. Point out towards the map and show that red dots on map. Tell them that these dot are called points. Tell them that a point has no length and width. Make a dot with marker or chalk on the board and tell them that this is the point and give it name Capital X.



- Tell them that a point is denoted by capital letters.
- Make pairs of students and give each student a map and ask them to mark point at the city where Quaid-e-Azam and Allama Iqbal was born. Instruct them to make point of your city. Move around and check their working and appreciate for the good working.

**Review:**

**3mins**

Explain the students a point is used to locate exact position. It is represented by a dot (.). Tell them points are usually denoted by capital letters.

**Evaluation:**

**10mins**

To assess the students learning, ask them some questions related to point. Ask them to draw some points in their notebooks and name them with some capital letters.

**Homework:**

**2mins**

Revise the classwork.

# Lesson Plan

Grade: Three

Subject: Maths

Term: 3<sup>rd</sup>

Time: 40min

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

Week: 1

Day: 6

Unit 6: Geometry

Topic: Point, Line, Line Segment and Ray

## Student Learning Outcomes:

- Recognize point, line, ray and line segment.

## Resource Material:

Chalk/Marker, White/Blackboard, Maths Textbook, 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 them to draw some points in their notebooks and then name them with capital letters. Ask them to come one by one and show their working to the whole class. Ask them: is point has any size? Take their responses and tell them that a point is just a single dot that we mark with tip of the pencil it has no length, width and height.

## Teaching and Learning Activities:

20 mins

- Tell students today we will learn about line. Ask them: Do you know about line? Take their responses and appreciate someone that gives the right answer. Now draw a line on the board and make arrows on both sides and tell that look at these arrows. These shows that the line is moving in both directions. Tell them that a line is a combination of points and have no end point. Tell them that we cannot measure the length of the line with the help of ruler as it moves in both directions.



- Call a student to the front of the class and ask him/her to draw a line on the board. Ask the rest of the class to check and tell is he/she correct or not. Repeat this activity to each student of the class for more practice.

## Review:

3mins

Explain the students about line. A line is a straight path that keeps going on in both directions. It is represented as  $\overleftrightarrow{AB}$ . A line has no end point. It has arrow head on both sides.

Evaluation:

10mins

To assess the students learning, ask them some questions related to line. Ask them to draw some lines in their notebooks and name them with some capital letters.

Homework:

2mins

Solve the given worksheet.

### Worksheet

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

Subject: Maths

Topic Name: Point, Line, Line Segment and Ray

1. Circle the line form the following.

