Lesson Plan

Grade: Five	**Subject:** Math	**Term:** 3rd	**Time:** 40mins
Teacher's Name: _____	**Week:** 6	**Day:** 1	
Unit 8: Perimeter and Area	**Topic:** Perimeter and Area		

Student Learning Outcomes:

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

- Differentiate between perimeter and area of a square and rectangular region.
- Identify the units of measurement of perimeter and area.

Resource Material:

Chalk / Marker, White /Blackboard, Math Textbook, Flash card of door and clock

Warm-up Activities: 5mins

- Before beginning the lesson, ask students to say "Tasmiya."
- Ask them: Do you know What is perimeter of square and rectangle? Take their responses and appreciate if someone gives the right answer.

Teaching & Learning Activities: 25mins

- Tell students today they are going to know about types of figures.
- Ask them: Do you know about the closed region. Take their responses and appreciate if someone gives the right answer. Now point out towards the board of the class and ask them to tell: What is the shape of the board?
- Take their responses and tell them that board is of rectangle shape. Point out towards the corners of the board and tell them that it is a closed figure as its starting and ending point are same.
- Ask students to observe the objects of the classroom and tell whose objects are closed figures. Take their responses and appreciate them for their correct responses.

Review: 3mins

Revise the lesson by telling students, that boundary and space covered by it, is the region of a closed figure.

Evaluation: 5mins

To evaluate the students, ask them to make a list of objects that have closed region.

Homework: 2mins

Revise the classwork.

Lesson Plan

Grade: Five	**Subject:** Math	**Term:** 3rd	**Time:** 40mins
Teacher's Name: _____	**Week:** 6	**Day:** 2	
Unit 8: Perimeter and Area	**Topic:** Perimeter and Area		

Student Learning Outcomes:

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

- Differentiate between perimeter and area of a square and rectangular region.
- Identify the units of measurement of perimeter and area?

Resource Material:

Chalk / Marker, White /Blackboard, Math Textbook, Big Flash card of window

Warm-up Activities: 5mins

- Before beginning the lesson, ask students to say "Tasmiya."
- Draw some open and closed figures on the board and ask students to point out the shapes that are closed. Take their responses and appreciate them for their correct responses.

Teaching & Learning Activities: 25mins

- Tell students today we learn about difference between perimeter and area.
- Ask students: Do you know about perimeter and area.
- Take their responses and paste a big flash card of window on the board.
- Instruct them to observe the window as it has same starting and ending point so it is closed figure. Point out the boundary of the window and tell them the boundary of the window is the perimeter and now point out the region inside the boundary and tell them that this is the area of the closed figure.
- Now draw a rectangle and a square on the board and tell them that the sum of all sides of the square and rectangle is the perimeter of the given figures.
- Tell them that we can measure the perimeter of any figure in centimeter and meter.
- Tell them that as the region enclosed by the boundary is the area of the shape. Tell them that we can measure the area of the closed figure in centimeter square or meter square.

Review: 3mins

Revise the lesson by telling students, about the difference between perimeter and area.

Evaluation: 5mins

To assess the students, ask them to solve Q1 of Exercise 8.1 in their textbooks.

Homework: 2mins

Revise the classwork.

Lesson Plan

Grade: Five	**Subject:** Math	**Term:** 3rd	**Time:** 40mins
Teacher's Name: _____	**Week:** 6	**Day:** 3	
Unit 8: Perimeter and Area	**Topic:** Perimeter of Square		

Student Learning Outcomes:

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

- Find and apply formulas to find perimeter of a square region.
- Solve real life situations involving perimeter of a square region.

Resource Material:

Chalk / Marker, White /Blackboard, Math Textbook, Flash cards of square of different length

Warm-up Activities: 5mins

- Before beginning the lesson, ask students to say "Tasmiya."
- Ask students: What is the difference between square and rectangle? Which unit is used to find the perimeter of shapes and which unit is used to find the area of the closed shape? Take their responses and appreciate them for their correct answer.

Teaching & Learning Activities: 25mins

- Tell students today we will find the perimeter of the square. Ask students: How we can find the perimeter of the square? Take their responses and appreciate them if someone gives the right answer. Now draw a square on the board and point out towards its sides and name it with letter "ℓ". Tell them that as we know that the perimeter of any shape is the sum of the length of all its sides. Tell them that as the length of all sides of the square are equal in length so, perimeter of square = $\ell + \ell + \ell + \ell = 4\ell$
- Now draw a square of length 4cm on the board and find its perimeter step by step and explain each step to students.
- Make small groups of students and give each student three flash cards of different lengths of square.
- Instruct them to find the perimeter of these squares by using formula. Roam around the class, check their work and guide them if required.

Review: 3mins

Retell students how we can find the perimeter of the square by using formula by solving different examples on the board.

Evaluation: 5mins

To assess the students, ask them to solve Q2 (i – iii) of Exercise 8.1 in their textbooks.

Homework: 2mins

Solve Q2 (d) (iv – vi) of Exercise 8.1 in their textbooks.

Lesson Plan

Grade: Five	**Subject:** Math	**Term:** 3rd	**Time:** 40mins
Teacher's Name: _____	**Week:** 6	**Day:** 4	
Unit 8: Perimeter and Area	**Topic:** Perimeter of Square		

Student Learning Outcomes:

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

- Find and apply formulas to find perimeter of a square region.
- Solve real life situations involving perimeter of a square region.

Resource Material:

Chalk / Marker, White /Blackboard, Math Textbook

Warm-up Activities: 5mins

- Before beginning the lesson, ask students to say "Tasmiya."
- Draw a square on the board and ask students to tell the name of the shape drawn on the board. Take their responses that must be the square. Now ask them how we find the perimeter of the square? Take their responses and appreciate them for their correct answer.

Teaching & Learning Activities: 25mins

- Write the statement "Let's find the perimeter of square having length of 5cm" on the board.
- Instruct students to read the statement of the question and tell what is given and what we have to find. Take their responses and tell them that length of side of the square is given and we have to find the perimeter of the square.
- Ask students to tell what is the formula to find the perimeter of the square? Call a student to the front of the class and ask him/her to write the formula to find the perimeter of the square. Take his/her response and appreciate them for waiting correct formula.
- Instruct students to work in pairs. Ask them to write the real-life situation of finding perimeter of square shape.
- Roam around the class and observe their working. Appreciate them for their correct work.

Review: 3mins

Retell students how we can find the perimeter of the square by using formula.

Perimeter of square = 4ℓ

Evaluation: 5mins

To evaluate the students, ask them how we can find the perimeter of a square.

Ask them to solve Q3 of Exercise 8.1 in their textbooks.

Homework: 2mins

Revise the classwork.

Lesson Plan

Grade: Five	**Subject:** Math	**Term:** 3rd	**Time:** 40mins
Teacher's Name: _____	**Week:** 6	**Day:** 5	
Unit 8: Perimeter and Area	**Topic:** Area of square		

Student Learning Outcomes:

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

- Find and apply formulas to find perimeter of a square region.
- Solve real life situations involving perimeter of a square region.

Resource Material:

Chalk / Marker, White /Blackboard, Math Textbook, Flash cards of square of different length

Warm-up Activities: 5mins

- Before beginning the lesson, ask students to say "Tasmiya."
- Ask students: How we can find the perimeter of square? Take their responses and appreciate them for their correct answer.

Teaching & Learning Activities: 25mins

- Tell students today we will find the area of the square.
- Ask students: How we can find the area of the square? Take their responses and appreciate them if someone gives the right answer.
- Now draw a square on the board and point out towards its sides and name it with capital letter "ℓ". Tell them that as we know that the area of any shape is the space enclosed by any shape. The area of the square is obtained by multiplying its length with length. Tell them that as the length of all sides of the square are equal in length so, area of square = ℓ x ℓ
- Now draw a square of length 5cm on the board and find its area step by step and explain each step to students.

Review: 3mins

Retell students how we can find the area of the square by using formula.

Evaluation: 5mins

To evaluate the students, ask them to solve Q1 (i – iii) of Exercise 8.2 in their textbooks.

Homework: 2mins

Solve Q1 (iv – v) of Exercise 8.2 in their textbooks.

Lesson Plan

Grade: Five	**Subject:** Math	**Term:** 3rd	**Time:** 40mins
Teacher's Name: _____	**Week:** 6	**Day:** 6	
Unit 8: Perimeter and Area	**Topic:** Area of square		

Student Learning Outcomes:

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

- Find and apply formulas to find perimeter of a square region.
- Solve real life situations involving perimeter of a square region.

Resource Material:

Chalk / Marker, White /Blackboard, Math Textbook

Warm-up Activities: 5mins

- Before beginning the lesson, ask students to say "Tasmiya."
- Draw a square on the board of length 5m. Ask students to find the area of the square by using formula. Take their responses and appreciate them for their correct working.

Teaching & Learning Activities: 25mins

- Ask students to tell: What is the formula to find the area of the square? Call a student to the front of the class and ask him/her to write the formula to find the area of the square. Take his/her response and appreciate them for writing correct formula.
- Instruct students to work in pairs. Ask them to write the real-life situation of finding area of square shape. Roam around the class and observe their working. Instruct them to raise their hand when finished.
- Call one by one each pair to the front of the class and ask them to share their word problem to the rest of the class. Appreciate them for their correct work.

Review: 3mins

Revise students how we can find the area of the square by using formula.

Evaluation: 5mins

To evaluate the students, ask them to solve Q2 (i – iii) of Exercise 8.2 in their textbooks.

Homework: 2mins

Solve Q2 (iv – vi) of Exercise 8.2 in their notebooks.