PERIMETER OF REGULAR SHAPES

3.20.2019

Subject

Mathematics

Prepared By

[Instructor Name]

Grade Level

4

Overview

This lesson plan covers teaching content for;

1. Perimeter of regular shapes e.g. square, rectangle, trapezium and polygon.

Objectives

Students should be able to;

1. Find the perimeter of regular shapes e.g. square, rectangles, trapezium and polygon.

Activity Starter/Instruction

1. Cut out the different shapes from a cardboard.
2. Ask the pupils to identify the shapes.
3. Correct them where necessary.
4. Ask them if they know what perimeter is.

Teacher Guide

Day 1/ Lesson 1: 15 Mins

1. Show the pupils the square shape.
2. Explain that a square has four equal sides.
3. Help the pupils understand that perimeter is the distance around a shape.
4. Explain that since all sides of a square is equal, the perimeter is the addition of the length of all sides.
5. Show worked examples using the formula P = 2 (L + B)

Materials Required

-Cardboards

Additional Resources

- https://www.youtube.com/watch?v=AAY1bsazcgM
- https://www.cpalms.org/Public/PreviewResourceLess
- https://learnzillion.com/lesson_plans/849-find-perime by-applying-the-standard-formula/?card=33172
- https://www.khanacademy.org/math/basic-geo/basic perimeter
-

Additional Notes

Guided Practice

Day 2/ Lesson 2: 15 Mins

1. Show the pupils the rectangle shape.
2. Explain that the rectangle has two equal sides.

Guided Practice

Day 3/ Lesson 3: 15 Mins

1. Show the pupils a trapezium shape.
2. Explain the number of sides a trapezium has.
3. Ask the pupils to guess the formula for calculating the perimeter of a trapezium.

3. Ask the pupils to find the perimeter of a rectangle given the values of the length and breadth.
4. Correct them where necessary.
5. Solve more examples with them using the formula P = 2(L + B)

4. Correct them if they are wrong.
5. Solve examples with the formula. P = a + b + c + d where a, b, c, d = sides

Guided Practice

Day 4/ Lesson 4: 15 Mins

1. Show the pupils a polygon shape.
2. Also explain again that the perimeter is the distance around a shape.
3. Let them try to calculate the perimeter on their own.
4. Correct them where necessary.
5. Go through examples.

Assessment Activity

Give them more problems to solve on perimeter of a square and rectangle.

Assessment Activity

Give them more problems to solve on perimeter of trapezium and polygon.

Summary

1. Ask for volunteers to share their answers to the problems assigned.
2. As the problems are reviewed in front of the class, have the students check their answers for accuracy.