**EMERALD ROYAL INTERNATIONAL SCHOOL, MPAPE ABUJA**

**LESSON PLAN AND NOTE FOR WEEK 1 ENDING FRIDAY, 13TH JANUARY, 2023**

**SUBJECT:** MATHEMATICS

**TOPIC:** 2 DIMENSIONAL SHAPES

**SUB-TOPIC:** DEFINITION OF TWO DIMENSIONAL SHAPES

**DATE:** MONDAY, 9TH ANDTUESDAY, 10TH JANUARY, 2023

**TIME:** 08:10 – 08:45AM AND 09:25 – 09:55AM

**DURATION:** 40 MINUTES

**PERIOD:** 1ST AND 3RD

**CLASS:** GRADE 1

**NUMBER IN CLASS:** EIGHTEEN

**AVERAGE AGE:** FIVE

**SEX:** MIXED

**LEARNING OBJECTIVES:** By the end of the lesson, the pupils should be able to

1. Definition of two dimensional shapes
2. Identification of two dimensional shapes
3. State the names of two dimensional shapes

**RATIONALE:** for pupils to know the two dimensional shapes.

**PREVIOUS KNOWLEGDE:** pupils learnt about two dimensional shapes.

**INSTRUCTIONAL MATERIALS:**

1. Objects with two dimensional shapes.
2. pictorial charts of 2 dimensional shapes.

**REFERENCE MATERIALS:**

1. New general mathematics for primary schools Book 2 by J Aderohunmu, A Arigbabu etal 2014
2. Smart Mathematics primary Puiplis Book 2 Cambridge University Press Contributors Are D.A Afariogun, F.C Ona
3. Lantern steps to Quantitative reasoning book 2 by Ore Olunloyo

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| **STAGES/STEPS** | **TEACHER’S ACTIVITIES** | **PUPILS’ ACTIVITIES** | **LEARNING POINTS** |
| **INTRODUCTION** | Display different shapes on a flat surface | Identifies the shapes | Arousing the pupils interest |
| **PRESENTATION**  **STEP 1** | Teaches the pupils definition of 2 dimensional shapes.  2 dimensional shapes are plane shapes with two dimensions length and width | Learn attentively | For proper understanding |
| **STEP 2** | Teaches and leads pupils to identify 2 dimensional shapes | Learns attentively | For better understanding |
| **STEP 3** | Teaches and leads pupils to write the names of the 2 dimensional shapes.   1. Square 2. Triangle 3. Rectangle 4. Circle 5. Parallelogram 6. Trapezium 7. Rhombus etc. | Learns attentively | For further understanding |
| **SUMMARY** | Summarises the lesson by emphasising on the main concept and writes note on the board | Listen and copy their notes | For onward study |
| **EVALUATION** | Asks pupils to  1.Definition of two dimensional shapes  2.Identification of two dimensional shapes  3.State the names of two dimensional shapes | Respond to the teachers questions | To test the understanding of the lesson |
| **CONCLUSION** | Summarises, reacts and corrects the pupils | Answer to the teachers questions | To consolidate the lesson |
| **HOME WORK** | 1.what is 2 dimensional shapes  2.identify and write the names of the following shapes | Returns home with task | Extending the lesson home |

**LESSON PLAN AND NOTE FOR WEEK 1 ENDING FRIDAY, 13TH JANUARY, 2023**

**SUBJECT:** MATHEMATICS

**TOPIC:** 2 DIMENSIONAL SHAPES

**SUB-TOPIC:** SIDES AND CORNERS OF 2 DIMENSIONAL SHAPES

**DATE:** WEDNESDAY, 11TH ANDTHURSDAY, 12TH JANUARY, 2023

**TIME:** 10:30 – 11:10AM

**DURATION:** 40 MINUTES

**PERIOD:** 4TH

**CLASS:** GRADE 1

**NUMBER IN CLASS:** EIGHTEEN

**AVERAGE AGE:** FIVE

**SEX:** MIXED

**LEARNING OBJECTIVES:** By the end of the lesson, the pupils should be able to

1. Explain the meaning of sides and corners
2. State the sides and corners of a rectangle, square and parallelogram
3. List the sides and corners of a circle, triangle and trapezium

**RATIONALE:** for pupils to know the sides and corners of 2 dimensional shapes.

**PREVIOUS KNOWLEGDE:** pupils learnt about two dimensional shapes.

**INSTRUCTIONAL MATERIALS:**

1. Objects with two dimensional shapes.
2. pictorial charts of 2 dimensional shapes.

**REFERENCE MATERIALS:**

1. New general mathematics for primary schools Book 2 by J Aderohunmu, A Arigbabu etal 2014
2. Smart Mathematics Primary Puiplis Book 2 Cambridge University Press Contributors Are D.A Afariogun, F.C Ona
3. Lantern steps to Quantitative reasoning book 2 by Ore Olunloyo

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| **STAGES/STEPS** | **TEACHER’S ACTIVITIES** | **PUPILS’ ACTIVITIES** | **LEARNING POINTS** |
| **INTRODUCTION** | Preview previous knowledge | Respond to the teacher | Arousing the pupils interest |
| **PRESENTATION**  **STEP 1** | Teaches the pupils definition of sides and corners.  A side is a single straight line of a plane shape.  A corner is where two sides of a plane shape meet. | Learn attentively | For proper understanding |
| **STEP 2** | Teaches pupils the sides and corners of a rectangle, square and parallelogram shapes  A square has four equal sides and corners  A rectangle has four sides with the two opposite sides equal in length and four corners  A parallelogram has four sides with two opposite sides equal in length and four corners | Learns attentively | For better understanding |
| **STEP 3** | Teaches pupils the sides and corners of a circle, triangle and trapezium shapes  A circle is a round plane shape. It has no sides and corners.  A triangle has three sides and three corners.  A trapezium has four sides and four corners. | Learns attentively | For further understanding |
| **SUMMARY** | Summarises the lesson by emphasising on the main concept and writes note on the board | Listen and copy their notes | For onward study |
| **EVALUATION** | Asks pupils to  1. Explain the meaning of sides and corners  2.State the sides and corners of a rectangle, square and parallelogram  3.List the sides and corners of a circle, triangle and trapezium | Respond to the teachers questions | To test the understanding of the lesson |
| **CONCLUSION** | Summarises, reacts and corrects the pupils | Answer to the teachers questions | To consolidate the lesson |
| **HOME WORK** | 1.state the sides and corners of the following 2 dimensional shapes  1.  2.  3. | Returns home with task | Extending the lesson home |

**LESSON PLAN AND NOTE FOR WEEK 1 ENDING FRIDAY, 13TH JANUARY, 2023**

**SUBJECT:** MATHEMATICS

**TOPIC:** 2 DIMENSIONAL SHAPES

**SUB-TOPIC:** DRAWING OF 2 DIMENSIONAL SHAPES

**DATE:** FRIDAY, 13TH JANUARY, 2023

**TIME:** 09:20 – 09:55AM

**DURATION:** 40 MINUTES

**PERIOD:** 3RD

**CLASS:** GRADE 1

**NUMBER IN CLASS:** EIGHTEEN

**AVERAGE AGE:** FIVE

**SEX:** MIXED

**LEARNING OBJECTIVES:** By the end of the lesson, the pupils should be able to

1. Mention the sides and corners of a kite and rhombus shapes
2. Draw a rectangle, square, parallelogram and trapezium shapes
3. Draw a circle, triangle and rhombus shapes

**RATIONALE:** for pupils to know the sides and corners of 2 dimensional shapes and draw 2 dimensional shapes.

**PREVIOUS KNOWLEGDE:** pupils learnt about sides and corners of two dimensional shapes.

**INSTRUCTIONAL MATERIALS:**

1. Objects with two dimensional shapes.
2. pictorial charts of 2 dimensional shapes.

**REFERENCE MATERIALS:**

1. New general mathematics for primary schools Book 2 by J Aderohunmu, A Arigbabu etal 2014
2. Smart Mathematics Primary Puiplis Book 2 Cambridge University Press Contributors Are D.A Afariogun, F.C Ona
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| **STAGES/STEPS** | **TEACHER’S ACTIVITIES** | **PUPILS’ ACTIVITIES** | **LEARNING POINTS** |
| **INTRODUCTION** | Preview previous knowledge | Respond to the teacher | Arousing the pupils interest |
| **PRESENTATION**  **STEP 1** | Teaches pupils the sides and corners of a kite and rhombus shapes  A rhombus and a kite have four sides and corners | Learn attentively | For proper understanding |
| **STEP 2** | Teaches pupils how to draw a rectangle, square, parallelogram and trapezium shapes | Learns attentively | For better understanding |
| **STEP 3** | Teaches pupils how to draw a circle, triangle and rhombus shapes | Learns attentively | For further understanding |
| **SUMMARY** | Summarises the lesson by emphasising on the main concept and writes note on the board | Listen and copy their notes | For onward study |
| **EVALUATION** | Asks pupils to  1. Mention the sides and corners of a kite and rhombus shapes  2.Draw a rectangle, square, parallelogram and trapezium shapes  3.Draw a circle, triangle and rhombus shapes | Respond to the teachers questions | To test the understanding of the lesson |
| **CONCLUSION** | Summarises, reacts and corrects the pupils | Answer to the teachers questions | To consolidate the lesson |
| **HOME WORK** | Draw three examples of a 2 dimensional shapes you know | Returns home with task | Extending the lesson home |



Perpetua Iheme

Head Instructor