**EMERALD ROYAL INTERNATIONAL SCHOOL, MPAPE ABUJA**

**LESSON PLAN AND NOTE 1 FOR WEEK 3 ENDING FRIDAY, 10TH MAY, 2024**

**TERM:** THIRD TERM

**WEEK:** WEEK 3

**SUBJECT:** MATHEMATICS

**TOPIC:** AREA

**SUB-TOPIC:** PLANE SHAPES

**DATE:** MONDAY, 6TH ANDTUESDAY, 7TH MAY, 2024

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

**DURATION:** 40 MINUTES

**PERIOD:** 1ST AND 3RD

**CLASS:** GRADE 1

**NUMBER IN CLASS:** FIVE

**AVERAGE AGE:** FIVE

**SEX:** MIXED

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

1. Define area
2. Define plane shapes
3. Identify and state examples of plane shapes

**RATIONALE:** for pupils to learn about area and know the area of flat surfaces.

**PREVIOUS KNOWLEGDE:** pupils learnt about different shapes.

**INSTRUCTIONAL MATERIALS:**

1. Real samples of plane shapes (square, triangle, rectangle, circle etc.).

**REFERENCE MATERIALS:**

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

**LESSON DEVELOPMENT**

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| **STAGES/STEPS** | **TEACHER’S ACTIVITIES** | **PUPILS’ ACTIVITIES** | **LEARNING POINTS** |
| **INTRODUCTION** | Ask pupils to identify their hands, legs and arms. | Identify the parts of their body | Arousing the pupils interest |
| **PRESENTATION**  **STEP 1** | Teaches pupils definition of area.  Area is the space occupied by a 2 dimensional shape. This is sometimes referred to as a surface area. | Learn attentive | For proper understanding |
| **STEP 2** | Teach pupils the definition plane shapes.  Plane shapes are two-dimensional shapes. They have a breadth and a width   Or  Plane shapes are closed two-dimensional, or flat surface, figure. | Learn carefully | For better understanding |
| **STEP 3** | Leads pupils to identify and state examples of plane shape.   1. Square   square   1. Rectangle   rectangle   1. trapeziumTrapeziums 2. Triangle   triangl   1. Circles   circle  etc | Learn and listen carefully | 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. Define area 2. Define plane shapes 3. Identify and state examples of plane 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. Define area 2. State any two plane shapes you know 3. Draw any two plane shapes you know | Copy and Returns home with task | Extending the lesson home |

**LESSON PLAN AND NOTE 2 FOR WEEK 3 ENDING FRIDAY, 10TH MAY, 2024**

**TERM:** THIRD TERM

**WEEK:** WEEK 3

**SUBJECT:** MATHEMATICS

**TOPIC:** AREA

**SUB-TOPIC:** PLANE SHAPES

**DATE:** WEDNESDAY, 8h ANDTHURSDAY, 9th MAY, 2024

**TIME:** 10:30 – 11:10AM

**DURATION:** 40 MINUTES

**PERIOD:** 6TH

**CLASS:** GRADE 1

**NUMBER IN CLASS:** FIVE

**AVERAGE AGE:** FIVE

**SEX:** MIXED

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

1. State examples of plane objects
2. Identify the plane shapes
3. Write the names of the plane objects

**RATIONALE:** for pupils to know how to know plane objects.

**PREVIOUS KNOWLEGDE:** pupils learnt about plane shapes.

**INSTRUCTIONAL MATERIALS:**

1. Real samples of plane objects.

**REFERENCE MATERIALS:**

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

**LESSON DEVELOPMENT**

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| **STAGES/STEPS** | **TEACHER’S ACTIVITIES** | **PUPILS’ ACTIVITIES** | **LEARNING POINTS** |
| **INTRODUCTION** | Review previous knowledge | Respond to the teachers | Arousing the pupils interest |
| **PRESENTATION**  **STEP 1** | Teaches and leads pupils to state examples of plane objects  Here are few plane shape objects.   1. A clock face 2. A disk 3. A window 4. A door mat 5. A flag 6. A television   etc | Learn attentively | For proper understanding |
| **STEP 2** | Leads pupils to Identify the plane shapes.  images (18)  A disk  IMG-20200212-WA0025  A television  flag  A flag  window  A window  door mat  A doormat | Identify the shapes | For better understanding |
| **STEP 3** | Leads pupils write the names of the plane objects | Write the names in their books.  Doormat , clock face, window, flag etc. | 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. State examples of plane objects 2. Identify the plane shapes 3. Write the names of the plane objects | 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** | State and draw three plane objects you know. | Returns home with task | Extending the lesson home |

**LESSON PLAN AND NOTE 3 FOR WEEK 3 ENDING FRIDAY, 10TH MAY, 2024**

**TERM:** THIRD TERM

**WEEK:** WEEK 3

**SUBJECT:** MATHEMATICS

**TOPIC:** AREA

**SUB-TOPIC:** SIDES AND SURFACE OF A SQUARE

**DATE:** FRIDAY, 10TH MAY, 2024

**TIME:** 09:20 – 09:55AM

**DURATION:** 40 MINUTES

**PERIOD:** 3RD

**CLASS:** GRADE 1

**NUMBER IN CLASS:** FIVE

**AVERAGE AGE:** FIVE

**SEX:** MIXED

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

1. Identify a square
2. Draw a square
3. Identify and state the side and surface of a square

**RATIONALE:** for pupils to know the sides and surface of a square.

**PREVIOUS KNOWLEGDE:** pupils learnt square as a plane shape.

**INSTRUCTIONAL MATERIALS:**

1. Real samples of square
2. Pictorials charts of square

**REFERENCE MATERIALS:**

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

**LESSON DEVELOPMENT**

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| **STAGES/STEPS** | **TEACHER’S ACTIVITIES** | **PUPILS’ ACTIVITIES** | **LEARNING POINTS** |
| **INTRODUCTION** | Review previous knowledge | Participates actively | Arousing the pupils interest |
| **PRESENTATION**  **STEP 1** | Leads pupils to identify a square  square | Identify a square | For proper understanding |
| **STEP 2** | Teaches and leads pupils to draw a square  square draw | Learn carefully | For better understanding |
| **STEP 3** | Teaches and leads pupils to identify and state the side and surface of a square  tyuj  A square have  Sides = 4  Surface = 1 | Learn and listen carefully | 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. Identify a square 2. Draw a square 3. Identify and state the side and surface of a square | 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. How many sides does a square have? 2. How many surface does a square have? | Returns home with task | Extending the lesson home |



Approved as a working document.

Dep. Head Instructor (Academics)

3RD MAY, 2024