**EMERALD ROYAL INTERNATIONAL SCHOOL, MPAPE ABUJA**

**LESSON PLAN AND NOTE 1 FOR WEEK 8 ENDING FRIDAY, 14TH JUNE, 2024**

**TERM:** THIRD TERM

**WEEK:** WEEK 8

**SUBJECT:** MATHEMATICS

**TOPIC:** 2 DIMENSIONAL SHAPES

**SUB-TOPIC:** TYPES OF TRIANGLES

**DATE:** MONDAY, 10TH ANDTUESDAY, 11TH JUNE, 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. Draw and state properties of triangle
2. State types of triangle
3. Identify the different types of triangle

**RATIONALE:** for pupils to know and learn types of triangle.

**PREVIOUS KNOWLEGDE:** pupils learnt about examples 2 dimensional shapes

**INSTRUCTIONAL MATERIALS:**

1. Real samples of triangles
2. Pictures of triangles

**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 | Participate with teacher | Arousing the pupils interest |
| **PRESENTATION**  **STEP 1** | Teach pupils how to draw and state properties of a triangle  trangle  Triangle have  3 corners  3 sides  3 angles | Learn attentively | For proper understanding |
| **STEP 2** | Teach pupils the types of triangles.  Types of triangles are   1. Right angle triangle 2. Isosceles triangle 3. Equilateral triangle 4. Obtuse traingle 5. Acute triangle 6. Scalene triangle   Etc. | Learn carefully | For better understanding |
| **STEP 3** | Lead pupils to identify the different types of triangle   1. Right angle triangle   right angled   1. Isosceles triangle   isosceles triangle   1. Equilateral triangle   equlateral   1. Obtuse traingle   obtuse   1. Acute triangle   acute   1. Scalene triangle   scalene 54 | 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. Draw and state properties of triangle 2. State types of triangle 3. Identify the different types of triangle | 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. Draw and State the properties of a triangle 2. List two types of triangle you know | Returns home with task | Extending the lesson home |

**LESSON PLAN AND NOTE 2 FOR WEEK 8 ENDING FRIDAY, 14TH JUNE, 2024**

**TERM:** THIRD TERM

**WEEK:** WEEK 8

**SUBJECT:** MATHEMATICS

**TOPIC:** 2 DIMENSIONAL SHAPES

**SUB-TOPIC:** TYPES OF TRIANGLES

**DATE:** WEDNESDAY, 12TH ANDTHURSDAY, 13TH JUNE, 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. Describe a Right angle and Isosceles triangle
2. Describe a Equilateral triangle and Obtuse traingle
3. Describe an Acute triangle and Scalene triangle

**RATIONALE:** for pupils to know and learn examples of 2 dimensional shapes.

**PREVIOUS KNOWLEGDE:** pupils learnt about definition and examples of 2 dimensional shapes.

**INSTRUCTIONAL MATERIALS:**

1. Real samples of triangles
2. Pictures of 2 triangles

**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 teachers | Arousing the pupils interest |
| **PRESENTATION**  **STEP 1** | Teaches pupils how to describe a Right angle and Isosceles triangle   1. Right angle triangle   right angled  A triangle with one angle is always 90°   1. Isosceles triangle   isosceles triangle  is a triangle that has two sides of equal length | Learn attentively | For proper understanding |
| **STEP 2** | Teaches pupils how to describe a Equilateral triangle and Obtuse traingle   1. Equilateral triangle   equlateral  A triangle that has all its sides equal in length   1. obtuseObtuse traingle   A triangle with one obtuse angle (greater than 90°) and two acute angles | Learn carefully | For better understanding |
| **STEP 3** | Teach pupils how to describe an Acute triangle and Scalene triangle   1. Acute triangle   acute  A type of triangle in which all the three internal angles of the triangle are acute. It is less than 90°   1. Scalene triangle   scalene 54  A triangle in which all three sides are in different lengths, and all three angles are of different measures | 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. Describe a Right angle and Isosceles triangle 2. Describe a Equilateral triangle and Obtuse traingle 3. Describe an Acute triangle and Scalene triangle | 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** | New general Mathematics workbook  Worksheet 29  Page 46 | Returns home with task | Extending the lesson home |

**LESSON PLAN AND NOTE 3 FOR WEEK 8 ENDING FRIDAY, 14TH JUNE, 2024**

**TERM:** THIRD TERM

**WEEK:** WEEK 8

**SUBJECT:** MATHEMATICS

**TOPIC:** 2 DIMENSIONAL SHAPES

**SUB-TOPIC:** MAKING NEW SHAPES

**DATE:** FRIDAY, 14TH JUNE, 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. Use triangle to make a square
2. Use triangle to make a star
3. Use triangle to make a kite

**RATIONALE:** for pupils to learn how to make new shapes using two dimensional shapes.

**PREVIOUS KNOWLEGDE:** pupils learnt about types of triangles.

**INSTRUCTIONAL MATERIALS:**

1. Real samples of triangle.
2. Pictures of triangle.

**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** | Teach pupils how use triangle to make a square  hgk  square Two or four triangles can make a square when joined together | Learn attentively | For proper understanding |
| **STEP 2** | Teach pupils how to use triangle to make a star  star  download (1)  Four triangles can make a star when joined together. | Learn carefully | For better understanding |
| **STEP 3** | Teach pupils how to use triangle to make a kite  h  Four triangles can make a kite when joined together. | 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. Use triangle to make a square 2. Use triangle to make a star 3. Use triangle to make a kite | 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** | Make the following objects using 2 dimensional shapes   1. House 2. Cat | Returns home with task | Extending the lesson home |



Approved as a working document.

Dep. Head Instructor (Academics)

7TH JUNE, 2024