**EMERALD ROYAL INTERNATIONAL SCHOOL, MPAPE ABUJA**

**LESSON PLAN AND NOTE 1 FOR WEEK 10 ENDING FRIDAY, 28TH JUNE, 2024**

**TERM:** THIRD TERM

**WEEK:** WEEK 10

**SUBJECT:** MATHEMATICS

**TOPIC:** 3 DIMENSIONAL SHAPES

**SUB-TOPIC:** PROPERTIES OF SPHERE

**DATE:** MONDAY, 24TH ANDTUESDAY, 25TH 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. Identify a sphere and objects with shape of sphere
2. Draw a sphere
3. State the properties of a sphere

**RATIONALE:** for pupils to know the properties of a sphere.

**PREVIOUS KNOWLEGDE:** pupils learnt about the properties of cuboid.

**INSTRUCTIONAL MATERIALS:**

1. Real samples of a sphere
2. Pictorial charts of a sphere
3. Pictures of objects with the shape of sphere

**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 t the teacher | Arousing the pupils interest |
| **PRESENTATION**  **STEP 1** | Lead pupils to identify a sphere and objects with shape of sphere  sphereA sphere  Objects with the shape of a sphere are   1. World globe   world globe   1. Ball   bal   1. orange   ora   1. Balloon   baloon  Etc | Learn attentively | For proper understanding |
| **STEP 2** | Teach pupils how to draw a sphere  download (2) | Learn carefully | For better understanding |
| **STEP 3** | Teach pupils the properties of a sphere  download (4)  A sphere have  0 corner  1 surfaces  0 edges | 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 sphere and objects with shape of sphere 2. Draw a sphere 3. State the properties of a sphere | 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 for primary schools book 2  Worksheet 28  Page 43 | Returns home with task | Extending the lesson home |

**LESSON PLAN AND NOTE 2 FOR WEEK 10 ENDING FRIDAY, 28TH JUNE, 2024**

**TERM:** THIRD TERM

**WEEK:** WEEK 10

**SUBJECT:** MATHEMATICS

**TOPIC:** 3 DIMENSIONAL SHAPES

**SUB-TOPIC:** PROPERTIES OF CYLINDER

**DATE:** WEDNESDAY, 26TH ANDTHURSDAY, 27TH 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. Identify a cylinder and objects with shape of cylinder
2. Draw a cylinder
3. State the properties of a cylinder

**RATIONALE:** for pupils to know the properties of a cylinder.

**PREVIOUS KNOWLEGDE:** pupils learnt about properties of a sphere.

**INSTRUCTIONAL MATERIALS:**

1. Real samples of a cylinder
2. Pictorial charts of a cylinder
3. Pictures of objects with the shape of cylinder

**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 t the teacher | Arousing the pupils interest |
| **PRESENTATION**  **STEP 1** | Lead pupils to identify a cylinder and objects with shape of cylinder  cylinder  A cylinder  Objects with the shape of a cylinder are   1. Water bottle   water bottle   1. Tin milk   tin 2   1. bottle wateBottle water 2. Bucket   bucket   1. cup   cup   1. drum   drum  etc | Learn attentively | For proper understanding |
| **STEP 2** | download (4)Teach pupils how to draw a cylinder | Learn carefully | For better understanding |
| **STEP 3** | Teach pupils the properties of a cylinder  download (5)  A cylinder have  0 corners  3 surfaces  2 edges | 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 cylinder and objects with shape of cylinder 2. Draw a cylinder 3. State the properties of a cylinder | 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 for primary schools book 2  Worksheet 28  Page 43 | Returns home with task | Extending the lesson home |

**LESSON PLAN AND NOTE 3 FOR WEEK 10 ENDING FRIDAY, 28TH JUNE, 2024**

**TERM:** THIRD TERM

**WEEK:** WEEK 10

**SUBJECT:** MATHEMATICS

**TOPIC:** 3 DIMENSIONAL SHAPES

**SUB-TOPIC:** PROPERTIES OF CONE

**DATE:** FRIDAY, 28TH 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. Identify a cone and objects with shape of cone
2. Draw a cone
3. State the properties of a cone

**RATIONALE:** for pupils to know the properties of a cone.

**PREVIOUS KNOWLEGDE:** pupils learnt about definition and properties of cylinder.

**INSTRUCTIONAL MATERIALS:**

1. Real samples of a cone
2. Pictorial charts of a cone
3. Pictures of objects with the shape of cone

**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 t the teacher | Arousing the pupils interest |
| **PRESENTATION**  **STEP 1** | Lead pupils to identify a cone and objects with shape of cone  cone  A cone  Objects with the shape of a cone are   1. Ice cream   ice cream   1. Party hat   har   1. Funnel   funnels   1. Traffic cone   traffic cone   1. Christmas tree   chritmas tree  etc | Learn attentively | For proper understanding |
| **STEP 2** | download (3)Teach pupils how to draw a cone | Learn carefully | For better understanding |
| **STEP 3** | Teach pupils the properties of a cone  download (6)  A cone have  1 corner  2 surfaces  1 edge | 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 cone and objects with shape of cone 2. Draw a cone 3. State the properties of a cone | 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 the properties of a cone. | Returns home with task | Extending the lesson home |



Approved as a working document.

Dep. Head Instructor (Academics)

21ST JUNE,, 2024