**EMERALD ROYAL INTERNATIONAL SCHOOL, MPAPE ABUJA**

**LESSON PLAN AND NOTE 1 FOR WEEK 2 ENDING FRIDAY, 3RD MAY, 2024**

**TERM:** THIRD TERM

**WEEK:** WEEK 2

**SUBJECT:** MATHEMATICS

**TOPIC:** LENGTH

**SUB-TOPIC:** STANDARD MEASUREMENT

**DATE:** MONDAY, 29TH ANDTUESDAY, 30TH APRIL, 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 standard measurement
2. State examples of standard measurement
3. Mention instruments used for measuring standard measurement

**RATIONALE:** for pupils to know the method of measuring length using standard measurement.

**PREVIOUS KNOWLEGDE:** pupils learnt how to estimate and measure objects using footstep.

**INSTRUCTIONAL MATERIALS:**

1. Real samples of standard measurement materials

- ruler

- meausuring tape

- rope 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** | Displays materials for measuring standard measurement for pupils to identify | Identify the objects | Arousing the pupils interest |
| **PRESENTATION**  **STEP 1** | Teaches pupils the definition of standard measurement.  Standard measurement can be defined as measuring the size, length or amount of something, objects or places using certain standards. | Learn attentively | For proper understanding |
| **STEP 2** | Teaches pupils examples of standard measurement.  For example   1. Centimetres (cm) 2. Milimetres (ml) 3. Grams (g) | Learn carefully | For better understanding |
| **STEP 3** | Teaches pupils instruments used for measuring standard measurements.  The instruments used to measure standard measurements are   1. Ruler   ruler   1. Rope   rope   1. Tape rule   tape measure scie   1. Tape measure   tape measure  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 standard measurement 2. State examples of standard measurement 3. Mention instruments used for measuring standard measurement | 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 standard measurement 2. State 2 instrument for measuring standard measurement | Returns home with task | Extending the lesson home |

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

**TERM:** THIRD TERM

**WEEK:** WEEK 2

**SUBJECT:** MATHEMATICS

**TOPIC:** LENGTH - STANDARD MEASUREMENTS

**SUB-TOPIC:** INSTRUMENT FOR MEASURING STANDARD MEASUREMENTS

**DATE:** WEDNESDAY, 1ST ANDTHURSDAY, 2ND 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. Identify a ruler and tape measurement
2. Measure length of object with a ruler
3. Measure length of object with a tape measure

**RATIONALE:** for pupils to know how to estimate and measure objects with standard measurement.

**PREVIOUS KNOWLEGDE:** pupils learnt about standard measurement and instrument for standard measurement.

**INSTRUCTIONAL MATERIALS:**

1. Real samples of standard measurement materials

- ruler

- meausuring tape

- rope 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** | Review previous knowledge | Respond to teacher | Arousing the pupils interest |
| **PRESENTATION**  **STEP 1** | Leads pupils to Identify a ruler and tape measurement  ruler  tape measure | Learn attentively | For proper understanding |
| **STEP 2** | Teaches pupils how to measure length of object with a ruler  Ruler is marked in centimetres (cm). ruler measures objects or things length in centimetres from 0 - 1 is 1cm and 1 - 2 is 1cm. Etc   1. Pupils book = 10 cm   book measurem   1. Pencil = 8 cm   pencil measu   1. Eraser = 4 cmeraser mea | Learn carefully | For better understanding |
| **STEP 3** | Teaches pupils how to measure length of object with a tape measure.  A tape is marked in centimetre and metres (metre sticks or tape)   1. Window = \_\_\_\_\_\_\_ cm   window 6   1. Door = \_\_\_\_\_\_\_\_   door 2   1. Black board = \_\_\_\_ cm   black board | 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 ruler and tape measurement 2. Measure length of object with a ruler 3. Measure length of object with a tape measure | 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. Measure a spoon with a ruler 2. Measure a cupboard with a tape rule | Returns home with task | Extending the lesson home |

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

**TERM:** THIRD TERM

**WEEK:** WEEK 2

**SUBJECT:** MATHEMATICS

**TOPIC:** LENGTH - NATURAL UNITS AND STANDARD MEASUREMENT

**SUB-TOPIC:** COMPARING LENGTH OF OBJECTS WITH RULERAND HANDSPAN

**DATE:** FRIDAY, 3RD 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. Compare the length of objects and places with ruler and handspan
2. Measure different length of lines
3. Measure and draw shapes with ruler

**RATIONALE:** for pupils to know how to compare the length of objects and places with ruler and handspan.

**PREVIOUS KNOWLEGDE:** pupils learnt how to measure objects with ruler and tape rule.

**INSTRUCTIONAL MATERIALS:**

1. Real samples of standard measurement materials

- ruler

- meausuring tape

- rope 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** | Review previous knowledge | Respond to teacher | Arousing the pupils interest |
| **PRESENTATION**  **STEP 1** | Leads pupils to compare the length of objects and places with ruler and handspan   1. Pupil 1 - pupils book   Pupil 2 - pupils book  Using handspan to check lengths   1. Pupil 1 - pupils book   Pupil 2 - pupils book  Using ruler to check lengths | Measure and write down lengths of the book  Pupil 1 = 4 fingers  Pupil 2 = 3 fingers  Different numbers of finger lengths  Pupil 1 = 21 cm  Pupil 2 = 21 cm  Same centimetres of length | For proper understanding |
| **STEP 2** | Teaches pupils how to measure different length of lines with ruler and span   1. **With Ruler** 2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_ 3. \_\_\_\_\_\_ 4. \_\_\_\_\_\_\_\_\_\_ 5. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 6. **With Span** 7. \_\_\_\_\_\_\_\_\_\_\_\_\_\_ 8. \_\_\_\_\_\_ 9. \_\_\_\_\_\_\_\_\_\_ 10. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Draw different sizes of lines and Measure the sizes of the lines   1. **With Ruler** 2. \_\_\_\_\_\_ cm 3. \_\_\_\_\_\_ cm 4. \_\_\_\_\_\_ cm 5. \_\_\_\_\_\_ cm 6. **With Span** 7. \_\_\_\_ span 8. \_\_\_\_ span 9. \_\_\_\_ span 10. \_\_\_\_ span | For better understanding |
| **STEP 3** | Teaches pupils how to measure and draw shapes with ruler   1. squar   rect  triangle | Measure the length of the shapes with a ruler   1. AB = \_\_\_\_ cm 2. BC = \_\_\_\_ cm 3. EF = \_\_\_\_ cm 4. GH = \_\_\_\_ cm 5. IJ = \_\_\_\_ cm 6. AD = \_\_\_\_ cm 7. FH = \_\_\_\_ cm 8. IK = \_\_\_\_ cm | 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. Compare the length of objects and places with ruler and handspan 2. Measure different length of lines 3. Measure and draw shapes with rule | 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 work book 2  Worksheet 21  No 1 - 4 | Returns home with task | Extending the lesson home |



Approved as a working document.

Dep. Head Instructor (Academics)

26TH APRIL, 2024