**EMERALD ROYAL INTERNATIONAL SCHOOL,**

**MPAPE ABUJA**

**GRADE 1 MATHEMATICS SCHEME OF WORK**

**SECOND TERM**

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| **WEEK** | **TOPIC** | **CONTENT** | **ACTIVITIES** | **INSTRUCTIONAL RESOURCES** |
| **1** | 1. DIMENSIONAL SHAPES | 1. Identification of shapes (e.g. square, rectangle, triangles, circles). 2. Naming shapes 3. Drawing 2- dimensional shapes (e.g. square, rectangle, triangle, circles). | TEACHER: Guide pupils to identify shapes such as square, rectangle, triangle, circle etc.  PUPILS: Mention shapes like circle, square, rectangle, triangle. | Concrete objects of circle, rectangle, square etc. |
| **2** | MONEY | 1. Uses of money e.g. buying and selling. | TEACHER : Showing of coins of different denomination 5k, 10k, 25k etc. Uses flash cards to show addition of coins.  PUPILS: Pupils sorting out coins of different denomination, practice addition of coins. | Actual coins, paper coins. |
| **3** | MONEY | 1. Recognition of Nigerian currency (coins) 2. Recognition of Nigerian currency (Bank note) | TEACHER : Guides pupils to recognize Nigerian notes of different denominations.  PUPILS: Recognized Nigerian notes, practice buying and selling in the corner shop. | ₦5, ₦10, ₦20, ₦50 etc. |
| **4** | MONEY | 1. Changing units of money I.e. 10k pieces two 5k pieces = 10k etc. 2. Practical (shopping with money and changing money e.g. in the class corner shop). | TEACHER: Guides pupils towards changing unit of money 2k coins + 2 pieces of 1k.  PUPILS: Pupils practice changing unit of money with kobo of 1k, 5k etc. E.g. how many 1kobo makes 5kobo | 1kobo, 5kobo, 10kobo etc. |
| **5** | TIME | 1. Introduction of time using a wall clock showing hands of the clock (hour, minutes and seconds). 2. Reading clock to the hour and half an hour. | TEACHER :   1. Guides pupils to differentiate the hands of the clock e.g hour, minute and seconds. 2. Guide pupils in telling the time to the hour and half the hour.   PUPILS:   1. Identify and differentiate the hands of the clock e.g hour, minute and seconds. 2. Read the clock and tell time to the hour and half the hour. | Wall clock and table clock.. |
| **6** | TIME | 1. Drawing clock 2. Indicating on drawn clocks, given time 3. Days of the week | TEACHER:   1. Guide pupils in drawing clocks and indicating given time on it 2. Guide pupils as they list the days of the week   PUPILS:   1. Draw clocks and indicating given time on it 2. List the days of the week | Wall clock, drawing materials, charts showing the days of the week, flash cards showing days of the week. |
| **7** | CAPACITY | 1. Identify objects used for measuring capacity 2. Naming objects used for measuring capacity | TEACHER :   1. Guides pupils to identify objects used for measuring capacity e.g cup, bottles, buckets etc. 2. Guide pupils to name the above objects.   PUPILS:   1. Identify objects used for measuring capacity 2. Name objects used for measuring capacity. | Cups, bottles, buckets, water, bowl, water jug etc. |
| **8** | CAPACITY | 1. Ordering of containers base on their capacities. | TEACHER:   1. Guides pupils in drawing containers according to their capacity 2. Guides pupils as they use a smaller container to fill a larger one 3. Guides pupils as they empty a large container into smaller ones.   PUPILS:   1. Arranges containers according to their capacity 2. Filling a container using a smaller container. 3. Emptying a large container into smaller ones. | Cups, bottles, buckets, water, bowl, jug etc. |
| **9** | WEIGHT | 1. Introducing the idea of weight e.g heavy or light. 2. Unit of weight e.g. kilogrammes and grammes. | TEACHER :   1. Guides pupils in comparing the weights of objects by taking two at a time and using hand balance 2. Guides pupils as they identify the unit of weight I.e. kilogramme and grammes by using objects e.g pencl, rule, bags etc.   PUPILS:   1. Compare weights of objects by taking two at a time using the hand balance. 2. Identify the units of weights I.e kilograms and grams by using mixture of light and heavy objects e.g. pencils, ruler, bags etc. | Objects of different capacity; bag, book, pencil, stone etc. |
| **10** | WEIGHT | 1. Measurement of weight 2. Ordering of weight | TEACHER :   1. Guides pupils towards taking their weight using weighing scales 2. Lead pupils to arrange their weights accordingly in descending or ascending order.   PUPILS:   1. Measurs their weight using weighing scales 2. Order the weights taken in - ascending order - descending order. | Weighing scale, pupil. |
| **11** | REVISION | Revision | Revision |  |
| **12** | EXAMINATION | Examination | Examination |  |