

**SCHEME OF WORK FOR LEARNING AREA 4 (DEVELOPING AND USING MATHEMATICAL CONCEPT IN MY DAY EXPERIENCE. AGE RANGE: 3 – 4 YEARS TERM I 2024**

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| **WK** | **PD** | **L/OUT COME** | **COMPETENCE** | **Suggested developmental activities**  **CONTENT** | **ACTIVITY** | **METHODS** | **T/AIDS** | **REF** |
| **2** | **1 to 3** | -Recognizing  -Describing  -Representing numbers and their relationships. | Showing one to one correspondence. | - Identifying objects.  -Reciting numbers 1 – 5.  -Pasting objects.  Number (1)  Shading numbers (i)  Tracing numbers (i)  Copying numbers | - Singing number  songs.  - Playing domino  games.  - Pasting  - Shading  - Tracing  - Copying number 1  Sorting  Writing  Tearing  Counting  Fixing jig saws | - Demonstration.  - Illustration  - Explanation  -Grouping  Look and say  Imitation  Question and answer | - Number  dominos  - Jigsaws  - Saw dust  - Flash cards  Colours  Paint  Single jigsaws  Counters  Cut outs  Papers  Pencils  Books |  |
| **3** | **1 to 3** | Recognizing  -Describing  -Representing numbers and their relationships | Enumerating objects. | Counting orally 1 – 5.  - Painting objects (number 2)  - Tracing number (2)  -Copying number (2) | - reciting a rhyme  - Reciting numbers  1 – 5.  - Painting number 2  -Recognizing number 2  - Tracing number 2  - Copying number 2  -Shading  -Counting to 2  -Pasting  -Tearing  -Writing | -Explanation  - Discussion.  - Question and  answer  - Grouping  - Illustration  - Imitation  - Look and say  - Demonstration | Number cards  - Objects  - Chalkboard  illustration.  - Number Jigsaw  Puzzles  - pencils  -books  -papers  -colours  -paint |  |
| **4** | **1 to 3** | -Recognizing  -Describing  -Representing numbers and their relationships. |  | -Counting orally 1 – 5.  -Shading number 3  Tracing number 3.  -Copying number 3 | -Recognizing 1 – 3.  -Recite numbers 1 – 5.  -Shading number 3.  -Tracing number 3.  -Copying number 3.  -Count  \_Drawing for the number  -Pater  -Circle | - Question and  answer.  - Demonstration.  - Explanation  - Grouping.  -Look and say  -Imitation  -Illustration | - Number cards.  - Objects.  - Number jigsaw.  - Chalkboard  illustration.  -Papers  -Colours  -Books  -Cut outs  -Pencils |  |
| **5** | **1 to 3** | Enumerating objects.  Enumerating objects.  Identifying and naming animals at home. | Counting orally 1-5.  Pasting number 4  (4)  - Tracing number (4)  Copying number 4 | -Recognizing  numbers 1 – 4.  - Reciting numbers  1 – 5.  - Pasting number 4.  - Tracing number 4.  - Copying number 4.  -Counting  -Writing  -Shading | -Explanation  - Demonstration  -Question and answer  - Grouping  -Discovery  -Imitation  -Look and say  -Illustration | - Number cards.  - Objects  - Number  - Jigsaw  - Chalkboard  illustration.  -Illustration  -Cards  -Colours  -Pencils and books |  |
| **6** | **1 to 3** | Recognizing  -Describing  -Representing numbers and their relationships. | Counting orally 1 -5.  Matching numbers 1 – 4  1 3  2 1  3 2 | -Recognizing numbers 1 – 4.  - Counting numbers  1 – 5  - Playing domino  games.  - Matching numbers  1 – 4.  -Matching  -Writing  -Drawing  -Shading | -Explanation  -Explanation.  -Demonstration.  -Question and answer.  -Grouping | Jigsaw  -Lotto games  -Dominos  -Cards  -Charts  -Real objects  -Pencils and books  -Colours  -Counters  Look and say |  |
|  | 3 4  2 3  4 2 |
| 1 4  2 3  3 2  4 1 |
| **7** | **1 to 3** | - Counting numbers 1 – 5 orally.  - Identifying numbers 1 – 5  1, 2, 3, 4, 5,  - Pasting number 5.  -Colouring number 5.  -Tracing number 5.  - Copying number 5 | Recognising numbers 1 – 5.  - Reciting numbers  1 – 5.  - Counting objects.  - Playing number  games.  - Pasting  - Colouring  - Tracing  -Writing  -Drawing f or the number | - Grouping.  - Question and  answer.  - Demonstration.  Imitation.  -Look and say  -Discovery  -Explanation | - Jig saws  -Number cards  -Dominos  -Cards  -Cards  -Papers  -Colours  -Pencils  -Books  -Cards  -Real objects |  |
| **8** | **1**  **to**  **3** | Recognizing  -Describing  -Representing numbers and their relationships. | Enumerating objects | -Counting numbers 1 – 5 orally.  -Identifying numbers 1 – 5.  -Recognising the same numbers.  Circle the same number.   |  |  | | --- | --- | | 3 | 1 3 | | 2 | 2 4 | | 1 | 5 1 | | - Reciting numbers  1- 5  - Identifying numbers  1 – 5.  -Circling the same numbers 1 – 5. | -Grouping.  -Question and answer.  -Demonstration.  -Imitation. | Dominals  - Jigsaws  - Number cards.  - Cards  -Beads or counters  -Pencils  -Books  -Colours |  |
|  |  |  | . | Circle the same number   |  |  |  | | --- | --- | --- | | 3 | 2 | 3 | | 4 | 4 | 1 | | 1 | 2 | 1 | | 5 | 5 | 3 | | 2 | 3 | 2 | | -matching  -Finding the correct number  -Draw for the number  -Shade for the number | -Listen and write  -Look and say | - |  |
| **9** | **1 to 3** | Surveying, knowing and distinguishing the attributes of objects. | Classifying and ordering things. | * Identifying different shapes. * Recognising different shapes. * Pasting cutout shapes.   -Tearing shapes.  -Shading.  - Tracing | - Recognnizing  different shapes.  - Fitting jig-saws.  - Playing domino  games.  - Pasting  - Tearing  - Colouring  - Tracing.  -Naming orally  -Matching the same  -Complete the shape  -Tearing | - Explanation  - Demonstration  - Question and  answer  - Grouping.  -Look and say  -Illustration  -Discovery | - Jig-saws  - Dominoes  - Shape flash  cards.  - Saw-dust  - Shape  - Cut-outs.  -Pencils  -Books  -Papers  -Colours  -Paint  -Glue |  |
| **10** | **1 to 3** | Surveying, knowing and distinguishing the attributes of objects. | Classifying and ordering things. | - Identifying different shapes.  - Recognizing different shapes.  - Shading different shapes.  - Matcing different shapes. | - Playing lotto games.  - Fitting Jig-saw  Puzzles.  - Matching same  shapes.  - Shading different  shapes.  -Sorting  -Forming objects using shapes  -Tearing  -Finding the given shapes | - Explanation.  - Demonstration.  - Question and  answer.  - Grouping.  -Illustration  -Look and say  -Imitation | - Shape cut –  outs.  - Dominos  - Shape flash  cards.  - Jig-saws.  -Charts  -Real objects of different shapes  -Pencils  -Books  -Colours |  |
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**SCHEME OF WORK FOR LEARNING AREA 4 (. AGE RANGE: 3 – 4 YEARS TERM II 2024**

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| **WK** | **PD** | **L/OUT COME** | **COMPETENCE** | **Suggested developmental activities**  **CONTENT** | **METHODS** | **ACTIVITIES** | **L/AIDS** | **REF** |
| **2** | **1 to 3** | -Recognizing and describing numbers. | Enumerating objects.. | - Reciting number 1- 5 orally.  -Recognizing 1 – 5.  -Copying numbers 1 – 2  **Copy**    \_\_\_ \_\_\_ \_\_\_ \_\_\_  **Copy**    \_\_\_\_ \_\_\_\_ \_\_\_\_ | -Demonstration.  -Guided discovery  -Explanation.  Illustration  -Look and say  -Imitation  -Question and answer | - Recite number  rhymes.  - Recognize  numbers.  - Count objects  - Copy numbers  one-two.  -Writing numbers  -Shading  -Drawing  -Fixing jigsaws | - Number  - Flash cards.  - Counters  - Jigsaws.  -Cut outs  -Books and pencils  -Colours  -Chalkboard  -Real objects |  |
| **3** | **1 to 3** | Recognizing and describing numbers. | Enumerating objects. | - Reciting numbers 1 – 5.  - Recognizing numbers 1 – 5.  - Copying numbers 3 – 5.  **Copy**  \_\_\_ \_\_\_ \_\_\_ \_\_\_  **Copy**  \_\_\_\_ \_\_\_\_ \_\_\_\_  **Copy**  \_\_\_\_ \_\_\_\_ \_\_\_\_ | * Explanation * Demonstration * Question and answer * Discussion. * -Illustration * -Look and say * -Imitation * -Discovery | * Fitting * Jigsaws. * Counting objects. * Tearing * Copying numbers * -Writing numbers * -Drawing pictures * -Fixing jigsaws * Copy the numbers correctly | * Counters * Jigsaws * Flash cards. * -real objects * -Pencils * Colours * Books * chalkboard * Papers * Paint |  |
| **4** | **1 to 3** | -Recognizing and describing numbers. | Enumerating and matching objects up to 5. | - Reciting numbers 1 – 5 orally.  - Recognizing numbers 1 – 5.  - Matching numbers 1 – 5.  **Match**  5 1  4 2  3 4  2 5  1 2  **Matching and write**  3 5 \_\_\_\_\_  4 3 3  5 4 \_\_\_\_\_  **Match and write**  1 4 \_\_\_\_\_  2 1 \_\_\_\_\_  4 2 \_\_\_\_\_ | - Explanation.  -Demonstration  -Illustration  -Look and say  -Discovery  -Question and answer  -Listen and write | -Reciting rhymes  -Writing numbers  -Listen and write  -Counting  -Matching  -drawing f or the number  -Finding the given number  -Match and write  Shade for the number | Books  Counters  Pencils  Chalkboard  Picture books  Colours  Real Objects  Chalk  Classroom environment  -Pencils  -Books |  |
| **5** | **1 to 3** | Enumerating objects and writing number symbols correctly. | - Reciting numbers 1 – 10.  - Recognizing numbers 1 – 6.  - Copying number 6  **Copy**    \_\_\_\_ \_\_\_\_ \_\_\_\_ \_\_\_\_ | - Demonstration.  - Explanation  - Question and  answer.  -Illustration  -Imitation  -Listen and write  -Look and say | - Recite rhymes.  - Play lotto games.  - Copying number 6  -Couting  -Writing  -drawing for the number  -Listen and write | -Counters  -Lotto games  -Flash cards  -Jigsaws. |  |
| **6** | **1 to 3** | Recognizing and describing numbers. | Enumerating objects. | Reciting numbers 1 – 10.  -Counting objects.  -Copying number 7  **Copy**  \_\_\_\_ \_\_\_\_ \_\_\_\_ \_\_\_\_  Circle the correct number.   |  |  | | --- | --- | |  |  | |  |  | |  |  |   Cirlce the correct number   |  |  | | --- | --- | |  |  | |  |  | |  |  | | -Explanation  -Demonstration  -Question and answer  -Look and say  -Listen and write  -Discussion  -Imitation  -Discovery | -Recite rhymes.  -Play lotto games.  -Copying number 7.  -Writing  -Drawing for the number  -Count and write numbers  -Listen and write  -Colour for the number  -Circle the correct number  -Write the number correctly  -Find the given number | - Counters.  - Lotto games.  - Flash cards.  - Jigsaws.  -Charts  -Classroom environment  -Books  -Pencils  -Real objects  -Chalkboard |  |
| **7** | **1 to 3** | - Reciting numbers 1 – 10  - Copying numbers 8.  **Copy**  \_\_\_\_ \_\_\_\_ \_\_\_\_ | - Explanation.  - Demonstration  - Question and  answer.  -Discussion  -Illustration  -Imitation  -Discovery  -Listen and write | Recite rhymes.  Fit jigsaws.  Copy number 8.  Match numbers from 4 to 8  -Writing numbers  -Counting  -Finding the given number | - Jig saws  -Flash cards  Counters  Charts  -Chalkboard  -Classroom environment  -Pencils  -Books |  |
|  |  |  |  | **Match and write**  6 8 \_\_\_  7 6 6  8 7 ­­­\_\_\_  4 5 \_\_\_  5 4 \_\_\_ | -Explanation  -Discovery  -Illustration  -Demonstration  -look and say  -Imitation | -Identifying  -Writing  -Counting  -Matching  -Listen and write numbers 0-10 | -Cards  -Jigsaws  -Chalkboard  -Pencils  -Books  -Classroom environment |  |
| **8** | **1 to 3** | **Recognizing and describing numbers.** | Enumerating objects.  Drawing pictures for the number and writing numbers | Reciting numbers 1 – 10.  Copying number 9.  \_\_\_\_ \_\_\_\_ \_\_\_\_  Copy number 10.  \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_\_  Match and write  6 10 \_\_\_\_  7 9 \_\_\_\_  8 7 \_\_\_\_  9 6 \_\_6\_  10 8 \_\_\_\_  5 =  3 =  2 =  6 = | - Explanation  - Question and  answer.  - Guided discovery  - Demonstration.  - Look and say  -Illustration  -Listen and write  -Discussion  -Explanation  -Demonstration  -Question and answer  -Discussion  -Look and say  -Discovery | -Singing number  songs.  -Playing lotto  games.  -Copy numbers.  -Match and write  numbers 1 – 10.  -Sorting  -Finding the number  -Drawing pictures  -Writing  -Finding  -Colouring  -Write correctly  -Listen and write | - Single number  cards.  - Flash cards  - Counters  -Books  -Pencils  -Chalkboard  -Real objects  -Flash cards  -Single number card  -Chalkboard  -Pencils  -Books  -Real objects  -Colours |  |
| **9** | **1 to 3** | **Recognizing and describing numbers.** | I can tell similarities and differencies among things and numbers | - Recognising numbers 1 – 10.  4  4  9  5  5  2  - Role counting 1 – 10.  -Identifying the different numbers  1  3  3  2  2  7  5  5  6  6  1  1 | -Explanation.  -Demonstration.  -Question and answer.  -Discussion  -Discovery  -Look and say  -Imitation | -Playing domino games.  -singing number games.  -Identifying the different number.  -Ticking the given number  -Writing  -Matching  --Counting | -Dominoes  - Flash cards  - Single number  cards.  -real objects  -Pencils  -Jigsaws  -Books | Pg 45 |
| **10** | **1 to 3** | Surveying, knowing and distinguishing the attributes of objects. | Classifying and ordering things. | - Recognising shapes.  - Shading shapes.  - Matching shapes.  - Drawing shapes.  - Tearing shapes.  - Modelling shapes.  **Copy and draw** | - Playing lotto games.  - Fitting Jig-saw  Puzzles.  - Matching same  shapes.  - Shading different  shapes.  -Drawing shapes  -tearing  -Namingorally  -Sorting  -Moulding | - Explanation.  - Demonstration.  - Question and  answer.  - Grouping.  -Look and say  -Imitation  -Discovery  -Illustration  -Discussion | - Shape cut –  outs.  - Dominos  - Shape flash  cards.  - Jig-saws.  -Cut outs  -Colours  -Books  -Pencils  -Individual cards  -Plastacine |  |
|  |  |  |  | **Match** | --Drawing  -Shading  -Matching  Naming orally  -Sorting  -Fixing jigsaws. | - explanation  -demonstration  -Question and answer  -Discovery  -Imitation  -Look and say  -Illustration | - Jig-saw  - Domino  - Shape chart.  -Colours  -Cards  -Pencils  -Books  -Chalkboard  -Cut outs |  |

**NB: All lessons begin with a rhyme or a song.**

**SCHEME OF WORK FOR LEARNING AREA 4 (. AGE RANGE: 3 – 4 YEARS TERM III 2024**

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| **WK** | **PD** | **L/OUT COME** | **COMPETENCE** | **Suggested developmental activities**  **CONTENT** | **METHODS** | **ACTIVITIES** | **L/AIDS** | **REF** |
| **2** | **1 to 3** | -Recognizing and describing numbers with competences and confidence. | I can enumerate objects | - Counting by vote 1 – 10.  -Counting objects 1 – 5.  -Copying numbers.  1 – 5.   |  |  |  |  |  | | --- | --- | --- | --- | --- | | 1 | 2 | 3 | 4 | 5 | |  |  |  |  |  | | -Explanation.  -Demonstration  -Question and answer.  -Illustration  -Imitation  -Look and say | -Counting numbers   1. – 10.   - Copying number  1 – 5  - Fitting jig-saws.  - Counting objects.  - Reciting number  Rhymes  -Listen and write  -Writing numbers  -Identifying numbers  - | -Flash cards.  - Jig-saws  - Single number  cards.  - Counters  -Slates  -Books  -Pencils  -Classroom environment |  |
| **3** | **1 to 3** | Copying number 6 – 10.   |  |  |  |  |  | | --- | --- | --- | --- | --- | | 6 | 7 | 8 | 9 | 10 | |  |  |  |  |  | |
| **4** | **1 to 3** | * Comparing things according to different attributes. | I can show one to one correspondence order. | - Counting by vote 1 – 10.  - Recognising numbers 1 – 10.  - Matching the same numbers.  - Copying numbers 1-10.-Find the misisng numbers 0 - 5  0, 1, \_\_, 3, \_\_, 5  0, \_\_, 2, 3, \_\_ , 5  0, \_\_, \_\_, 3, \_\_, \_\_  0, 1, 2, \_\_, 4, \_\_\_ | - Explanation.  -Demonstration  -Question and answer  -Discussion  -Look and say  --Illustration  -Imitation  -Listen and write | -Counting  -Matching  -Fitting jig saws.  -Counting objects  -Reciting number  rhymes.  - Writing  -Find the missing number  -Recognising  -Asking  -Answering questions | -Counters  -Jig saws  .-Classroom environment  -Pencils  -Books |  |
|  |  |  | **Find t he misisng 6 - 10**  6, 7, \_\_\_, 9, 10  6, \_\_, 8, \_\_, 10,  6, 7, \_\_, 9, \_\_  \_\_, 7, 8, 9, \_\_ |  |  |  |  |
| **5** | **1 to 3** | * Recognizing and describing numbers | Showing one to one correspondence. | - Counting by vote. 1 – 10.  - Recognising numbers 1 – 10.  - Identifying the different number.  - Cross out the different number.  3 2 3  4 7 7  5 5 6  Ring the odd man out  1 1 7  8 9 9  6 4 4 | -Explanation  -Demonstration  -Illustration  -Look and say’  -Imitation  -Listen and write  -Discussion | -Counting.  -Playing domino  games.  -Identifying  numbers (different).  -Reciting number  rhymes.  -Writing  -Counting  -Recognizing  -Asking and answering questions | -Flash cards.  Dominoes  Single number cards.  -Counters  -Real objects  -Pencils  -Books  -Classroom environment |  |
| **6** | **1 to 3** | * Surveying, knowing and distinguishing the attributes of objects. | -Classifying and ordering things. | - Colouring shapes.  - Drawing shapes.  - Matching similar shapes.  Shade | -Demonstration  -Explanation.  -Question and answer  -Illustration  -Discussion  -Look and say  -imitation | - Colouring.  - Matching  - Drawing  - Fitting jig-saws  - Pasting with  cereals, small  papers, sand etc.  -tearing | -Shape  -Jig-saws.  -Real objects.  -Chalkboard  illustration.  -Drawn shapes  on papers.  -Glue  -Colours  -Pencils |  |
|  |  |  |  | **Match**  **Copy and draw**   |  |  | | --- | --- | |  |  | |  |  | | * Demonstration * Explanation * Question and answer * Illustration * Discussion * Imitation * Discovery * Look and say | * Matching * Drawing * Shading * Drawing * Writing * Imitating * Sorting | * Cereals. * Cut outs * Books * Pencils * Real objects * Colours |  |
| **7** | **1 to 3** | Surveying and distinguishing attributes of objects | I can classify and order things. | * Matching objects to number 1- 5. 5   3  4  1  . 2 | - Explanation  Question and answer  Demonstration | - Counting.  - Copying  - Drawing  - Reciting a number  game. | -Flash cards.  -Real objects.  -Charts showing  count and  write.  -Single number  cards.  -Chalkboard  illustration. |  |
|  |  |  |  | **Matching objects to numbers 6-10**    9      7    6  10  8 | * Explanation * Demonstration * Illustration * Imitation * Question and answer * Look and say | * Writing * Counting * Matching * Drawing * Identifying * Listen and write | * Flash cards * Real objects * Counters * Pencils * Books |  |
| **8** | **1 to 3** | Recognizing and describing numbers and their relations. | Showing one to one correspondences | -Counting by rote 1 – 10  -Recognizing numbers 1 -5.  -Counting objects 1 – 5.  **Count and ring**  4 3 1  2 5 6  9 7 4  Count and write    = 2  = \_\_\_\_\_\_    = \_\_\_\_\_\_  = \_\_\_\_ | - Explanation  - Question and  answer.  - Demonstration.  -Observation  -Imitation  -Look and say  -Discussion  -Illustration | -Counting numbers.  -Ringing.  -Counting objects.  -Copying / writing.  -Drawing.  -Reciting number  names.  -Writing  -Finding  -Matching | - Flash cards  - Real objects.  -Chalkboard  -Illustration  -Books  -Pencils  -Classroom environment  -Individual cards |  |
| **9** | **1 to 3** | Recognizing, describing and representing numbers. | Showing one to one correspondences. | - Counting objects 1 – 10.  - Matching objects to numbers.  - Counting and writing numbers  1 – 5.  **Count and write.**  = 1    = \_\_\_\_  = \_\_\_\_  \_\_\_\_  **Count and shade for the number**  5    3  6 | -Demonstration.  -Guided discussion.  -Question and  answer.  - Immitation  -Look and say  -Explanation  -Illustration  -Listen and write | -Counting numbers.  - Shading.  - Counting objects  - Copying / writing  - Drawing  - Reciting a number rhyme or singing a number song.  -Finding  -Identifying | -Flash cards.  -Real objects  -Chalkboard Illustration.  -Pencils  -Books  -Classroom environment  -Colour  -Paper |  |
| **10** | **1 to 3** | Recognizing numbers | Showing one to one correspondence. | * Counting objects. * Counting numbers 1 – 10 by rote. * Identifying numbers 1 – 10. * Copying numbers 1 – 10. * Drawing pictures for the numbers  |  |  |  |  | | --- | --- | --- | --- | | 1 | 2 | 3 | 4 |   6 = \_\_\_\_\_\_\_\_  5 = \_\_\_\_\_\_\_\_  9 = \_\_\_\_\_\_\_\_\_  Draw beads for the number  3 =  10 =  5 = | - Explanation  - Demonstration  - Question and  Answer  -Illustration  -Guided discussion  -Look and say  -Imitation | - Counting  - Drawing  - Writing  - Singing songs  related to numbers.  -Identifying | * Chalkboard illustration. * Real objects * Flash cards * pencils * books * counters * individual cards |  |