

LEVELWISE SYLLABUS OF ENROOT ABACUS.

LEVEL - I

1. Counting Numbers from 1-99 with the help of ABACUS TOOL.
2. Concept of identifying the numbers single & double digit with the help of Abacus Tool.(e.g. one and nine is nineteen 19 , Seven and four is seventy four 74.)
3. Fill in the blanks single & double digit with the help of Abacus.
4. Logic reasoning & colouring
6. **Value Additions:-**
 - i) Brain Exercise, & ii) Fast Writing.

Names of Brain Exercise & warm up drills.

- 1.Positive Thoughts.***
- 2.Thinking Hat.***
- 3.Hooter .***

LEVEL II

1. Counting Numbers from 1-100 & above.
2. Add & Less with single & double digit.
3. Use of new concept for Add & Less by Little Friend, Big Friend & Large Family theory.
4. **Value Additions:-**
 - i) Dictation , ii) Fast Writing , iii) Brain Exercises.

Names of Brain Exercises & warm up Drills.

- 1.Positive Thoughts.***
- 2.Thinking Hat.***
- 3.Idle eight.***
- 4.Hooter.***
- 5. Both brains :- Both brains co-ordinate together as one, bring it close to you, look into it and feel the positive energy is flowing then release it slowly.***
- 6.PACE:-***

P:-Positive Interaction.

A:-Activation.

C:-Clear the Belly.

E:- Energise- We drink water to get energy.

LEVEL III

1.Counting Numbers (Use of Visualization). Visualization means the photographic image of the Abacus Tool in the child's brain which helps them to visualize and solve the sums within seconds, without holding the Abacus Tool.

2. **Concept of different types of Visualization.**

- a. Visualise in the Master Abacus.
- b. Visualise in the Small Abacus.
- c. Visualise in the Bead Chart.
- d. Visualise on the Flash Card.
- e. Visualise on the Table.
- f. Visualise in the Air.

3. Add/Less Single digit, Double digit & Triple digit.

With Abacus:- Single digit , Double digit & Triple digit.

Visualization:- Single digit & Double digit .

4.Need to learn table from 2-9.

5.Skill Exercises. **(USE OF STOPWATCH COMPULSORY)**

6. **Value Additions:-**

- i) Dictation , ii) Fast Writing , iii) Brain Exercises.

Names of Brain Exercises & Warm up Drills.

1. Wrist Activation.
2. Shoulder Movement.
3. Stretching Wings.
4. Stretching & Clapping.
5. PACE.

LEVEL IV

Note- (Each child must use Stopwatch to increase the speed)

1. Concept of Add/Less:-With Abacus-single digit , double digit, Triple digit.
Visualization-single digit & double digit.
2. New concept of **MULTIPLICATION** with the help of Abacus Tool.
(Single X Single) & (Double X Single).
3. New concept of **Borrowing & Negative Sums.**
4. Skill Exercises:-Target Oriented & Time Oriented Sums.
5. **3 Value Additions:-**
 - i) Dictation , ii) Fast Writing , iii) Brain Exercises.

Names of Brain Exercises & Warm up Drills.

- 1) Positive Thoughts with Concentration.
- 2) Deep Breathing.
- 3) Abdominal Breathing.
- 4)Both Brains.
- 5) Modified Thinking Hat.

LEVEL V

1. Concept of Add/Less:-With Abacus-Single digit , Double digit, Triple digit ,Four digit.
Visualization- Single digit , Double digit & Triple digit.
2. New concept of **DIVISION** with the help of Abacus Tool.
(Double digit / Single digit) & (Triple digit / Single digit).
3. Concept of Multiplication:-With Abacus:- Triple digit.
Visualization:- (Double digit X Single digit) (Single digit X Single digit)
4. Skill Exercises:-Target Oriented & Time Oriented Sums.
5. **Value Additions:-**
i) Dictation , ii) Fast Writing , iii) Brain Exercises.

Names of Brain Exercises & Warm up Drills.

1. Neck Roll.
2. Hooter.
3. Thinking Hat.
4. Sitting Push up.
5. PACE.

LEVEL VI

1. Concept of Add/Less:- With Abacus-Single digit , Double digit, Triple digit, Four digit.
Visualization Single digit , Double digit & Triple digit.
2. Concept of **DIVISION** :- With Abacus :- Four digit/ Single digit.
Visualization:- (Double digit/ Single digit) & (Triple digit/Single digit).
3. Concept of Multiplication-With Abacus:- (Double digit X Double digit) & (Four digit X Single digit).
Visualization:-(Triple digit X Single digit) (Double digit X Single digit) (Single digit X Single digit)
4. BODMAS with ABACUS & VISUALIZATION.
5. Word Problem.
6. Skill Exercises:-Target Oriented & Time Oriented Sums.
7. **Value Additions:-**
i) Dictation , ii) Fast Writing , iii) Brain Exercises.

8. Name of Brain Exercise & Warm up Drills:-

1. Knee Roll.
2. Calf Muscle.
3. Ankle Roll.
4. Standing Push up.
5. Modified Hooter.

LEVEL VII

1. Concept of Add/Less:-With Abacus-Double digit , Triple digit, Four digit, Five digit.
Visualization:-Single digit, Double digit & Triple digit.
2. New concept of **DECIMAL** with Abacus tool.
3. Concept of DIVISION:-With Abacus:-Four digit/Single digit.
Visualization:- (Double digit/Single digit) & (triple digit/Single digit).
4. Concept of Multiplication-With Abacus:- (Double digit X Double digit)&(Four digit X Single digit).
Visualization:-(Triple digit X Single digit) (Double digit X Single digit) (Single digit X Single digit)
5. Practice of BODMAS
6. Word Problems.
7. Skill Exercises:-Target Oriented & Time Oriented Sums.
8. Value Additions:-
 - i) Dictation , ii) Fast Writing , iii) Brain Exercises.
9. **Name of Brain Exercise & Warm up Drills:-**
 1. **Wrist Roll.**
 2. **Waist Roll.**
 3. **Sleeping Push up.**
 4. **Waist Push up.**
 5. **Jogging.**

LEVEL VIII

1. Concept of Add/Less:- Double digit , Triple digit, Four digit, Five digit.
Visualization:- Single digit, Double digit & Triple digit.
2. New concept of **SQUARE ROOT** with Abacus tool.
3. Concept of DIVISION:-With Abacus:-Four digit/ Single digit.
Visualization:- (Double digit/Single digit) & (Triple digit/Single digit).
4. Concept of Multiplication-With Abacus:- (Double digit X Double digit)&(Four digit X Single digit).
Visualization:-(Triple digit X Single digit) (Double digit X Single digit) (Single digit X Single digit)
5. Practice of BODMAS.
6. Word Problems
7. Skill Exercises:-Target Oriented & Time Oriented Sums.
8. Visualization of Decimal sums.
9. **Value Additions:-**
i) Dictation , ii) Fast Writing , iii) Brain Exercises.

10. **Name of Brain Exercise & Warm up Drills:-**
 1. Toe Touching
 2. Criss Cross Toe touching(Standing)
 3. Jumping Jack
 4. Half Squat
 5. Chakki pissing/Abdominal crunch

LEVEL IX

1. Concept of Add/Less:- Double digit , Triple digit, Four digit, Five digit.
Visualization:- Single digit, Double digit & Triple digit.
2. **DECIMAL** with Abacus tool.
3. **DECIMAL** with Visualization.

4. Concept of DIVISION:-With Abacus:-Four digit/Single digit.
Visualization:- (Double digit/Single digit) & (Triple digit/Single digit).
5. Concept of Multiplication-With Abacus:- (Double digit X Double digit) & (Four digit X Single digit).
Visualization (Triple digit X Single digit) (Double digit X Single digit) (Single digit X Single digit)
6. Practice of BODMAS.
7. Word Problems.
8. Skill Exercises:-Target Oriented & Time Oriented Sums.
9. 3 Value Additions:-
 - i) Dictation , ii) Fast Writing , iii) Brain Exercises.

10. **Name of Brain Exercise & Warm up Drills:-**
 1. Criss Cross Toe Touching(Sitting)
 2. Full Squat
 3. Side Bending
 4. Bajrasan(2 mins)

Grand Master -I

1. Concept of **ADD & LESS**:- With Abacus :- Upto 11digits .
Visualization :- Upto 5 digits.
2. Revision of **DECIMAL** calculations using Abacus tool.
3. Revision of **DECIMAL** calculations by Visualization method.
4. Concept of **Decimal Number Divisions** using Abacus tool and Revision of Divisions (3 Digits/1 Digit), (4 Digits/1 Digit) and (3 Digits/2 Digits).
5. Concept of Decimal Number Multiplications using Abacus tool and Normal Number Multiplication (5 Digits/1 Digit).
6. Normal Multiplication (3 Digits/2 Digits) using Visualization method.
7. Square root of 3 Digits Number.
8. More Practice and New Concept of BODMAS.
9. Arithmetical problems using Abacus method.
10. Skill Exercises & 3 Value Additions.

Grand Master -II

1. Concept of **ADD & LESS**:- With Abacus :- Upto 11digits .
Visualization :- Upto 6 digits.
2. **Percentage.**
3. **Concept of Profit & loss.**
4. Concept of **Decimal Number Divisions** using Abacus tool and Revision of Divisions (3 Digits/1 Digit), (4 Digits/1 Digit) and (3 Digits/2 Digits).
5. Concept of **Decimal Number Multiplications** using Abacus tool and **Normal Number Multiplication (5 Digits/1 Digit).**
6. **Concept of fraction in BODMAS .**
7. **Short tricks for find out the square numbers.**
8. **Short tricks of multiplication .**
9. **Multiplication with 1 series & 9 series.**
10. **Skill Exercises .**