

INTELLIGENT MENTAL ARITHMETIC

Junior (from 5yrs to 7yrs)

Phase	Level No.	Level	Months / Sessions		Level Outcomes
Basic Phase	Basic				
	1	B1	3 Months 12 Sessions		* Learning how to use the abacus. * Addition operations from 1 digit till 4 digits. * Mental : 1d3 (5 + 4 - 7) . * Hearing Test . * FlashCards .
	2	B2	3 Months 12 Sessions		* Subtraction operations from 1 digit till 4 digits. * Mental : 1d3 (5 + 4 - 7) , 2d2 (24+ 75) * Hearing Test . * FlashCards .
Elm Phase	Elementary A				
	3	Elementary A 1	2.5 Months	10 Sessions	* Abacus Addition & Subtraction from 1 digit to 4 digits. * Time table (2,3,4,5,9) getting to know the timetable depending on the short memory. * Creative thinking (how to solve a story problem) * Negative.
	4	Elementary A 2	2.5 Months	10 Sessions	* Mental 1d5 (5+2-6+4+3) , 2d3 (23+51-14) * Hearing Test. * FlashCards .
	Elementary B				
	5	Elementary B 1	2.5 Months	10 Sessions	* Abacus Addition & Subtraction from 1digit to 4 digits. * Time table (6,7,8) getting to know the timetable depending on the short memory. * Creative thinking (How to solve a story problem). * Adding & Subtracting of Decimal Problems (23.05 + 51.43 - 74.12).
	6	Elementary B 2	2.5 Months	10 Sessions	* Mental : upto 1d10 (2+5+3+8-9-4+6-7+3-1), 2d5 (24 + 65 -17 + 22 -54) & 3d2 (621 + 153). * Hearing Test . * FlashCards .

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Inter Phase	7	Intermediate A	4 Months 16 Sessions	*Abacus Addition & Subtraction from 1digit till 4 digits. *Mental 1,2d10 (25+2+11+23-8+10-5+23-9-20) - 1d15 (3+3+6+1-4+8-5+7-5+2-8+9+3+6-2) *Multiplication: 2,3d×1d(26×5),(356×3) Abacus *Hearing Test . * flashcards .
	8	Intermediate B	4 Months 16 Sessions	*Abacus Addition & Subtraction from 1 digit till 4 digits. *Mental 1,2d10 (25+2+11+23-8+10-5+23-9-20) - 1d15 (3+3+6+1-4+8-5+7-5+2-8+9+3+6-2) 2d7 (24+56-31+18-11+92+57),3d3(321+642-145) *Multiplication: 2,3d×1d(26×5),(356×3) Mental *Division: 2,3,4,5d÷1d(190÷20),(880÷5),(5706÷6) Abacus *Hearing Test . * flashcards .
Higher Phase	9	Higher A	4 Months 16 Sessions	*Abacus Addition & Subtraction 1,2,3,4,5 digits. *Mental 1d20 (2+3+6+7-4+9+4+2-3+9+3+5-4-3+5+9+4+6+2-3), 2d10 (33+65+18-94+14-12+86+42-31+50),3d5(231+625+376-218+932) 4d2 (4523+9214). *Multiplication: 2,3d×1d(26×5),(356×3) Mental *Division: 2,3,4,5d÷1d(190÷20),(880÷5),(5706÷6) Mental *Hearing test . * flashcards .
	10	Higher B	4 Months 16 Sessions	*Abacus: Decimal Addition & Subtraction. *Mental: upto 1d20 ((2+3+6+7-4+9+4+2-3+9+3+5-4-3+5+9+4+6+2-3) 2d10 (33+65+18-94+14-12+86+42-31+50),3d5(231+625+376-218+932) 4d2 (4523+9214). *Multiplication: 2d×2d (23×45), 3d×3d (543×673) Abacus *Division: 2,3,4,5d÷1d(190÷20),(880÷5),(5706÷6) Mental 5,6d ÷ 1d (725238÷9), (166749÷7) Abacus *Hearing Test . * Flashcards .
	11	Higher C	4 Months 16 Sessions	*Abacus: Decimal Addition & Subtraction. *Mental: upto 1d20 ((2+3+6+7-4+9+4+2-3+9+3+5-4-3+5+9+4+6+2-3) 2d10 (33+65+18-94+14-12+86+42-31+50),3d5(231+625+376-218+932) 4d2 (4523+9214). *Multiplication: 2d×2d (23×45), 3d×3d (543×673) Abacus *Division: 2,3,4,5d÷1d(190÷20),(880÷5),(5706÷6) Mental 5,6d ÷ 1d (725238÷9), (166749÷7) Abacus *Hearing Test . * Flashcards .