



Ee Soroban

Curriculum



Tuition Centre – Ranchi –

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Global Test Level	Grade	Studying Content	Example	Aim
NA	Basic -First Step- vol. 1	① Names of the Different Parts of Soroban and Gohasan		Children learn fingering, soroban operation and how to perform 1-digit addition and subtraction.
		② How to Express Numbers on the Soroban (1 to 5)		
		③ Things to Be Noted While Learning Soroban		
		④ How to Move Beads (1 to 5)		
		⑤ Practice Moving Fingers Properly (2) (1 to 4)	1+2-1	
		⑥ How to Express Numbers on the Soroban (5 to 9)		
		⑦ Use the Heaven Bead to Calculate: Practice Adding 5	5+1	
		⑧ Use the Heaven Bead to Calculate: Practice Subtracting 5	4+5-5	
		⑨ Use the Heaven Bead to Calculate: Practice Adding 6 and 7	6+2 / 7-1	
		⑩ Use the Heaven Bead to Calculate: Practice Adding 8 and 9	1+8	
		⑪ Use the Heaven Bead to Calculate: Practice Subtracting 6 and 7	9-6 / 9-7	
		⑫ Use the Heaven Bead to Calculate: Practice Subtracting 8 and 9	9-8 / 9-9	
		Imaging Calculation		
NA	Basic -First Step- vol. 2	① 2 Digit Addition without Carrying	4+10	Children learn fingering, soroban operation and how to perform 1-digit addition and subtraction.
		② 2 Digit Subtraction without Borrowing	15-5 / 17-6	
		③ Use the Heaven Bead to Calculate (Carrying and Borrowing)	5+5 / 10-5	
		④ Use the Heaven Bead to Calculate: Adding 4, adding 3	3+4 / 3+3	
		⑤ Use the Heaven Bead to Calculate: Adding 2, adding 1	4+2 / 4+1	
		⑥ Practice Adding 9 and 8 (with Carrying)	1+9 / 3+8	
		⑦ Practice Adding 7 and 6 (with Carrying)	4+7 / 4+6	
		⑧ Practice Subtracting 9 and 8 (with Borrowing)	10-9 / 10-8	
		⑨ Practice Subtracting 7 and 6 (with Borrowing)	10-7 / 10-6	
		⑩ Practice Adding 4 and 3 (with Carrying)	6+4 / 7+3	
		⑪ Practice Adding 2 and 1 (with Carrying)	8+2 / 9+1	
		⑫ Practice Subtracting 4 and 3 (with Borrowing)	13-4 / 10-3	
		⑬ Practice Subtracting 2 and 1 (with Borrowing)	11-2 / 10-1	
		⑭ Various Calculation Problems Using the Heaven Bead No.1	1+4 / 2+3	
		⑮ Various Calculation Problems Using the Heaven Bead No.2	5-4 / 5-3	
		⑯ Various Calculation Problems Using the Heaven Bead No.3	5-2 / 5-1	
Imaging Calculation				
NA	Grade1	① Addition 5+9, 5+8	5+9 / 5+8	Children learn how to perform 2 digits and 3 digits additions and subtractions.
		② Addition 5+7, 6+7, 5+6, 6+6	5+7 / 5+6	
		③ Subtraction 14-9, 14-8	14-9 / 14-8	
		④ Subtraction 14-7, 13-7, 14-6, 13-6	14-7 / 14-6	
		⑤ Numbers up to 100 (1)	10+50 / 51+12	
		⑥ Numbers up to 100 (2)	34+23	
		⑦ Two Digits Addition Using the Heaven Bead Exercise	49+1	
		⑧ Two Digits Subtraction Using the Heaven Bead	50-1	
		⑨ Numbers over 100	40+60	
		⑩ Sums over 100 (addition with carrying)	99+1	
		⑪ Subtracting from 100 (subtraction with borrowing)	100-5	
Imaging Calculation				
NA	Grade2	① Let's Memorize the Two Times Table		Children learn the multiplication tables and how to multiply 2 digits by 1 digit.
		② Let's Memorize the Three Times Table		
		③ Let's Memorize the Four Times Table		
		④ Let's Memorize the Five Times Table		
		⑤ Let's Memorize the Six Times Table		
		⑥ Let's Memorize the Seven Times Table		
		⑦ Let's Memorize the Eight Times Table		
		⑧ Let's Memorize the Nine Times Table		
		⑨ Let's Memorize the One Times Table		
		⑩ Multiplication (1 digit×1 digit)	2×8	
	Grade2	⑪ Multiplication (2 digits×1 digit)	32×9	Children learn the multiplication tables and how to multiply 2 digits by 1-digit.
		⑫ Multiplication (2 digits×1 digit)	24×2	
		⑬ Multiplication (2 digits×1 digit)	72×4	
		⑭ Calculation Practice		
		⑮ Multiplication (2 digits×1 digit)	51×8	
		⑯ Multiplication (2 digits×1 digit)	28×3	
		⑰ Multiplication (2 digits×1 digit)	18×5	
		⑱ Multiplication (2 digits×1 digit)	43×5	
		⑲ Multiplication (2 digits×1 digit)	45×8	
		⑳ Multiplication (2 digits×1 digit)	20×5 / 50×4	

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Global Test Level	Grade	Studying Content	Example	Aim
		Imaging Calculation		
A1	Grade3	① Multiplication (3 digits×1 digit)	389×7 405×2	Children learn how to multiply 3 digits by 1 digit and how to divide 3 digits by 1 digit. Mental Calculation 1-digit Addition and Subtraction 3 numbers
		② Try Doing Multiplication with Soroban	210×8	
		③ Mental Division		
		④ Division (1 digit ÷ 1 digit)	9÷3 48÷2	
		⑤ Division (2 digits ÷ 1 digit)	15÷3	
		⑥ Division with Remainders	5÷2	
		⑦ Division (2 digits ÷ 1 digit)	68÷4 112÷4	
		⑧ Division (3 digits ÷ 1 digit)	210÷5	
		Imaging Calculation		
B1	Grade4 B1	① Multiplication (1 digit × 2 digits)	4×68	Multiplication 1 digit × 2 digits Children learn how to set beads when the product is 1 digit or 2 digits. Division Children will master various ways of using multiplication tables step by step and practice setting the quotient. Mental Calculation 1-digit Addition and Subtraction 5 numbers
		② Multiplication (1 digit × 2 digits)	3×13	
		③ Multiplication (1 digit × 2 digits)	3×42	
		④ Multiplication (1 digit × 2 digits)	3×28	
		⑤ Multiplication (1 digit × 2 digits)	2×57	
		⑥ Division (4 digits ÷ 1 digit)	2548÷4	
		⑦ Division (3 digits÷1 digit)		
		⑧ Division (3 digits÷1 digit)	945÷3	
		Imaging Calculation		
B2	Grade4 B2	① Multiplication (2 digits × 2 digits)	40×23	Multiplication 2 digits × 2 digits Learn and acquire various multiplication methods step by step. Division Learn and acquire various division methods. Mental Calculation 1-digit Addition and Subtraction 5 numbers
		② Multiplication (2 digits × 2 digits)	14×40	
		③ Multiplication (2 digits × 2 digits)	48×36	
		④ Multiplication (2 digits × 2 digits)	67×35	
		⑤ Various Multiplications (2 digits × 2 digits)	13×13, 25×40	
		⑥ Division (4 digits ÷ 1 digit)	1022÷7	
		⑦ Various Divisions	1525÷5	
		⑧ Division (the last digit of the dividend has 0)	1370÷5	
		Imaging Calculation		
B3	Grade4 B3	Review of B1 and B2		
		Imaging Calculation		
C1	Grade5 C1	① Division (2 digits ÷ 2 digits)	39÷13	Children learn how to multiply 3 digits by 2 digits and how to divide 3 digits by 2 digits. Mental Calculation 1-digit Addition and Subtraction 10 numbers
		② Division (3 digits ÷ 2 digits)	175÷35	
		③ Division (3 digits ÷ 2 digits)	450÷75	
		④ Multiplication (3 digits × 2 digits)	683×74, 214×21	
		⑤ Division (3 digits ÷ 2 digits)	960÷32	
		⑥ Multiplication (3 digits × 2 digits)	832×75	
		Imaging Calculation		
C2	Grade5 C2	① Division (4 digits ÷ 2 digits)	2580÷43	Children learn how to multiply 1 digit by 3 digits and how to divide 4 digits by 2 digits. Mental Calculation 1-digit Addition and Subtraction 10 numbers
		② Multiplication (1 digit × 3 digits)	8×749	
		③ Division (4 digits÷2 digits)	1095÷73	
		④ Multiplication (1 digit × 3 digits)	3×257	
		⑤ Division (Revision)	45÷15	
		⑥ Division (Setting 9)	414÷46	
		⑦ Multiplication (1 digit × 3 digits)	3×906	
		Imaging Calculation		
C3	Grade5 C3	Review of C1 and C2		
		Imaging Calculation		

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Global Test Level	Grade	Studying Content	Example	Aim
D1	Grade6 D1	① Multiplication (3 digits × 3 digits)	643×478	Children learn how to multiply 3 digits by 3 digits and how to divide 5 digits by 3 digits. Mental Calculation 2 digits Addition and Subtraction 5 numbers 2 digits × 1-digit digit2 digits ÷ 1 digit
		② Division (5 digits ÷ 2 digits)	41,078÷94	
		③ Multiplication (3 digits × 3 digits)	312×123	
		④ Division (4 digits ÷ 2 digits)	5,382÷23	
		⑤ Division (5 digits ÷ 2 digits)	33,046÷82	
		⑥ Division (5 digits ÷ 3 digits)	67,734÷954	
		Imaging Calculation		
D2	Grade6 D2	① Division (5 digits ÷ 3 digits)	11,424÷357	Children learn how to multiply 4 digits by 2 digits and how to divide 5 digits by 3 digits. Mental Calculation 2 digits Addition and Subtraction 5 numbers 2 digits × 1-digit 2 digits ÷ 1-digit
		② Division (5 digits ÷ 3 digits)	45,220÷476	
		③ Division (5 digits ÷ 3 digits)	57,285÷603	
		④ Division Revision (5 digits ÷ 3 digits)	27,081÷459	
		⑤ Multiplication (4 digits × 2 digits)	1,232×23	
		⑥ Multiplication (2 digits × 4 digits)	32×2,508	
		Imaging Calculation		
D3	Grade6 D3	Review of D1 and D2		
		Imaging Calculation		
E1	Grade7 E1	① Multiplication (4 digits × 3 digits)	3,456×789	Children learn how to multiply 4 digits by 3 digits and how to divide 6 digits by 3 digits. Mental Calculation 2 digits, 3 digits Addition and Subtraction 5 numbers digits × 1 digit digits ÷ 1 digit
		② Multiplication (4 digits × 3 digits)	3,241×123	
		③ Division (6 digits ÷ 3 digits)	283,824÷876	
		④ Division (5 digits ÷ 3 digits)	68,373÷213	
		⑤ Multiplication (3 digits × 4 digits)	736×5,984	
		⑥ Multiplication (3 digits × 4 digits)	132×3,213	
		Imaging Calculation		
E2	Grade7 E2	① Division (6 digits ÷ 3 digits)	525,213÷871	Children learn how to multiply 5 digits by 2 digits and how to divide 6 digits by 3 digits. Mental Calculation 2 digits, 3 digits Addition and Subtraction 5 numbers digits × 1 digit digits ÷ 1 digit
		② Division (6 digits ÷ 2 digits)	618,599÷83	
		③ Multiplication (5 digits × 2 digits)	67,845×73	
		④ Multiplication (2 digits × 5 digits)	68×24,367	
		⑤ Division (6 digits ÷ 3 digits)	360,168÷516	
		Imaging Calculation		
E3	Grade7 E3	Review of E1 and E2		
		Imaging Calculation		
F1	Grade8 F1	① Decimal and Decimal Points/Commas and Decimal Points		Children learn how to perform calculations when decimal numbers are involved. Mental Calculation 2 digits, 3 digits Addition and Subtraction 10 numbers digits × 2 digit digits ÷ 1 digit
		② Multiplication Involving Decimal Numbers	6,839÷4.6	
		③ Division	460.53÷6.3	
		④ Multiplication Involving Decimal Numbers	8,125×64.8	
		⑤ Division Involving Decimal Numbers	2,940÷61.25	
		⑥ Multiplication Involving Decimal Numbers	64.32×875	
		Imaging Calculation		
F2	Grade8 F2	① Division Involving Decimal Numbers	6,435.44÷9,064	Children learn how to perform calculations when decimal numbers are involved and learn the concept of rounding numbers. Mental Calculation 2 digits, 3 digits Addition and Subtraction 10 numbers digits × 2 digit digits ÷ 1 digit
		② Multiplication Involving Decimal Numbers	1.75×0.432	
		③ Division Involving Decimal Numbers	4,644÷72	
		④ Multiplication of Decimals that are Less than One	0.481×7.82	
		⑤ Rounding Numbers (1)		
		⑥ Rounding Numbers (2)		
		Imaging Calculation		
F3	Grade8 F3	Review of F1 and F2		
		Imaging Calculation		