

## Syllabus BYOM Grade 4

### I. Book 1

#	Name	Lesson hour	Lesson per Book	Lesson #
1	Inequality Solution	1	1	1
2	Solution Set	1	2	2
3	Signs $\geq$ and $\leq$	1	3	3
4	Double inequality	1	4-5	4
5	Sum evaluation	1	6	5
6	Difference evaluation	1	7	6
7	Product evaluation	1	8	7
8	Quotient evaluation	1	9	8
9	Operation result evaluation	1	10	9
10	Division by one-digit number	1	11-12	10
11	Division by one-digit number with remainder	1	11-12	11
12	Division by two-digit number	2	13-16	13
13	Division by three-digit number	2	13-16	15
14	Area evaluation	1	17	16
15	Approximate area calculation	1	18	17
16	Measurement and fractions	1	19	18
17	From the history of fractions	1	20	19
18	Portions	1	21	20
19	Portions comparison	1	22	21
20	Finding a portion of a number	1	23	22
21	Percentage	1	24	23
22	Finding a number by a portion	1	25-26	24
23	Fractions	1	27	25
24	Fractions comparison	1	28	26
25	Finding a part of a number	1	29	27
26	Finding a number by a part	1	30-31	28
27	Area of a right triangle	1	32	29

## II. Book 2

#	Name	Lesson hour	Lesson per Book	Lesson #
1	Division and fractions	1	1	30
2	Finding a portion which is made by number X from number Y	1	2	31
3	Addition of fractions	1	3	32
4	Difference of fractions	1	4	33
5	Proper and improper fractions	1	5	34
6	Proper and improper fractions	1	6	35
7	Portion problems	1	7	36
8	Mixed numbers	1	8	37
9	Finding whole part of an improper fraction	1	9	38
10	Writing a mixed number out of an improper fraction	1	10	39
11	Addition and subtraction of mixed numbers	2	11-16	41
12	Addition of mixed numbers with a step over whole number (forming improper fraction)	2	11-16	43
13	Subtraction of mixed numbers with a step over whole number	2	11-16	45
14	Scales of measurement	1	17	46
15	Number line	1	18	47
16	Coordinates on number line	1	19	48
17	Distance between dots on number line	1	20	49
18	Motion along number line	1	21-22	50
19	Simultaneous motion along number line	1	23	51
20	Motion of objects towards each other and from each other	2	24-25	53
21	Motion of objects towards each other	1	26	54
22	Motion of objects from each other	1	27	55
23	Chasing motion	1	28	56
24	Lagging motion	1	29	57
25	Simultaneous movement formula	1	30-34	58

26	Simultaneous movement problems	2	30-34	60
27	Simultaneous movement problems	2	30-34	62
28	Complex numbers with naming	1	35	63
29	New area units of measurement	1	36	64

### III. Book 3

#	Name	Lesson hour	Lesson per Book	Lesson #
1	Angle comparison	1	1	65
2	Obtuse angle. Adjacent angles	1	2	66
3	Angle measurement	1	3	67
4	Angle degree	1	4	68
5	Protractor	1	5	69
6	Drawing angle using Protractor	2	6-8	70
7	Center angle	1	9	71
8	Pie charts	1	10	72
9	Bar charts and linear diagrams	1	11	73
10	A pair of elements	1	12	74
11	Image transferring	1	13	75
12	Coordinates on a plane	1	14	76
13	Marking points based on their coordinates	1	15	77
14	Points on an axes	1	16-17	78
15	Motion diagram	1	18	79
16	Interpretation and creation of motion diagrams	1	19-20	80
17	Story writing based on motion diagrams	1	21	81
18	Reserve	9	N/A	90