

Build Your Own Math Syllabus		
Lesson #	Topic	# of Lessons
	Quarter I	
	Math Language	
1	Writing, reading, and composing expressions.	1
2	Writing, reading, and composing expressions.	1
3	Writing, reading, and composing expressions.	1
4	The value of an expression	1
5	The value of an expression	1
6	The value of an expression	1
7	Translation of a problem statement into math language	1
8	Translation of a problem statement into math language	1
9	Translation of a problem statement into math language	1
10	Working with math models	1
11	Working with math models	1
12	Trial and error method	1
13	Method of iterating over numbers	1
14	Math statements	1
15	General math statements	1
16	At least one	1
17	At least one/On the proof of general math statements	1
18	On the proof of general math statements	1
19	Introduction to math notation	1
20	Introduction to math notation	1
21	Introduction of math notation	1
22	Factors and multiples	1
23	Factors and multiples	1
24	Factors and multiples	1
25	Prime and composite numbers	1
	 Quarter I Total	25
	Quarter II	
26	Prime and composite numbers	1
27	Divisibility of a product of numbers	1
28	Divisibility of a product of numbers	1
29	Divisibility of the sums and differences of numbers	1
30	Divisibility of the sums and differences of numbers	1
31	Divisibility rules by 10, by 2, by 5.	1
32	Divisibility rules by 10, by 2, by 5.	1
33	Divisibility rules for 3 and 9	1
34	Divisibility rules for 3 and 9	1
35	Decomposition of numbers into prime factors	1
36	Decomposition of numbers into prime factors	1
37	Greatest common divisor/factor	1
38	Greatest common divisor/factor	1
39	Least common multiple	1
40	Least common multiple	1
41	Exponents	1
42	Exponents	1
43	Additional properties of multiplication and division	1
44	Equivalence of sentences	1
45	Mathematical definitions	1
46	Mathematical definitions	1
	Fractions	
47	Natural numbers and fractions	1
48	Natural numbers and fractions	1
49	Natural numbers and fractions	1
50	The main property of a fraction	1
	 Quarter II Total	25

	Quarter III	
51	The main property of a fraction	1
52	The main property of a fraction	1
53	The main property of a fraction	1
54	Comparison of fractions	1
55	Comparison of fractions	1
56	Addition and subtraction of fractions	1
57	Addition and subtraction of fractions	1
58	Addition and subtraction of fractions	1
59	Addition and subtraction of mixed numbers	1
60	Addition and subtraction of mixed numbers	1
61	Addition and subtraction of mixed numbers	1
62	Multiplication of fractions. Multiplication of mixed numbers.	1
63	Multiplication of fractions. Multiplication of mixed numbers.	1
64	Multiplication of fractions. Multiplication of mixed numbers.	1
65	Division of fractions	1
66	Division of fractions	1
67	Division of fractions	1
68	Examples of calculations with fractions	1
69	Examples of calculations with fractions	1
70	Fraction problems	1
71	Fraction problems	1
72	Compound problems for fractions	1
73	Compound problems for fractions	1
74	Collaboration problems	1
75	Self-assessment tasks	1
	 Quarter III Total	25
	Quarter IV	
	Decimal fractions	
76	Decimal notation of the number	1
77	Decimal notation of the number	1
78	Decimals and fractions	1
79	Approximate equalities. Rounding numbers.	1
80	Approximate equalities. Rounding numbers.	1
81	Approximate equalities. Rounding numbers.	1
82	Comparison of decimal fractions	1
83	Comparison of decimal fractions	1
84	Comparison of decimal fractions	1
85	Addition and subtraction of decimal fractions	1
86	Addition and subtraction of decimal fractions	1
87	Addition and subtraction of decimal fractions	1
88	Addition and subtraction of decimal fractions	1
89	Multiplication and division of decimal fractions by 10, 100, 1000, etc.	1
90	Multiplication and division of decimal fractions by 10, 100, 1000, etc.	1
91	Multiplication and division of decimal fractions by 10, 100, 1000, etc.	1
92	Decimal multiplication	1
93	Decimal multiplication	1
94	Decimal multiplication	1
95	Decimal multiplication	1
96	Division of decimal fractions	1
97	Division of decimal fractions	1
98	Division of decimal fractions	1
99	Division of decimal fractions	1
100	Review	1
	 Quarter IV Total	25
		