



Grade 6	Build Your Own Math Syllabus	
Lesson #	Topic	# of Lessons
	Quarter I	
	Language and Logic	
1	The concept of denial	1
2	The concept of denial. Denial of general statements.	1
3	Denial of general statements	1
4	Denial of statements about existence	1
5	Variable expressions	1
6	Variable sentences	1
7	Variable sentences	1
8	Variables and quantifiers	1
9	Denying assertions with quantifiers	1
	Arithmetic	
10	Combined operations with common and decimal fractions	1
11	Combined operations with common and decimal fractions	1
12	Combined operations with common and decimal fractions	1
13	River movement problems	1
14	Angles	1
15	Arithmetic mean	1
16	Arithmetic mean	1
17	Percentages	1
18	Percentages	1
19	Percent exercises	1
20	Percent exercises	1
21	Percent exercises	1
22	Simple percentage growth	1
23	Simple percentage growth	1
24	Compound interest growth	1
25	Compound interest growth	1
	 Quarter I Total	25
	Quarter II	
26	Relationship concept	1
27	Relationship concept	1
28	Scale	1
29	The concept of proportion. The main property of proportion.	1
30	The concept of proportion. The main property of proportion.	1
31	Properties and aspect conversion	1
32	Properties and aspect conversion	1
33	Dependence between quantities	1
34	Direct and inverse proportionality	1
35	Direct and inverse proportional graphs	1
36	Direct and inverse proportional graphs	1
37	Solving problems using proportions	1
38	Solving problems using proportions	1
39	Proportional division	1
40	Proportional division	1
	Rational Numbers	
41	Positive and negative numbers	1
42	Positive and negative numbers	1
43	Opposite numbers and absolute value	1
44	Opposite numbers and absolute value	1
45	Opposite numbers and absolute value	1
46	Comparison of rational numbers	1
47	Comparison of rational numbers	1
48	Addition of rational numbers	1
49	Addition of rational numbers	1
50	Addition of rational numbers	1
	 Quarter II Total	25

	Quarter III	
51	Addition of rational numbers	1
52	Subtraction of rational numbers	1
53	Subtraction of rational numbers	1
54	Subtraction of rational numbers	1
55	Multiplication of rational numbers	1
56	Multiplication of rational numbers	1
57	Division of rational numbers	1
58	Division of rational numbers	1
59	What numbers do we know, and what do we know or don't know about them? Number systems.	1
60	Expansion of brackets	1
61	Expansion of brackets	1
62	Coefficient	1
63	Similar terms	1
64	Similar terms	1
65	Equation concept	1
66	Solving equations	1
67	Solving equations	1
68	Solving equations	1
69	Solving problems by the method of equations	1
70	Solving problems by the method of equations	1
71	Solving problems by the method of equations	1
72	Coordinate plane	1
73	Coordinate plane	1
74	Graphs of dependencies of quantities	1
75	Graphs of dependencies of quantities	1
	 Quarter III Total	25
	Quarter IV	
76	The concept of logical consequence	1
77	Denial of following	1
78	Reverse statements	1
79	Following and equivalence	1
80	Following and properties of objects	1
	Geometry	
81	Drawings and definitions of geometric concepts	1
82	Drawings and definitions of geometric concepts	1
83	Properties of geometric shapes	1
84	Properties of geometric shapes	1
85	Building tasks. Wonderful points in the triangle.	1
86	Building tasks	1
87	Wonderful points in the triangle	1
88	Wonderful points in the triangle	1
89	Geometric bodies and their images	1
90	Polyhedron	1
91	Rotation bodies	1
92	Measurement of quantities. Length, area, volume.	1
93	Measurement of quantities. Length, area, volume.	1
94	Angle measure. Protractor.	1
95	Angle measure. Protractor.	1
96	Beauty and symmetry	1
97	Plane transformation	1
98	Plane transformation	1
99	Regular polygons	1
100	Regular polyhedrons	1
	 Quarter IV Total	25
	