GRADE 6	BUILD YOUR OWN MATH SYLLABUS	
Lesson #	Торіс	# 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		1
	Quarter I lotal	25
	Quarter II	
26	Relationshin concent	1
20	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
30		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
76 77	The concept of logical consequence Denial of following	1 1
76 77 78	The concept of logical consequence Denial of following Reverse statements	1 1 1
76 77 78 79	The concept of logical consequence Denial of following Reverse statements Following and equivalence	1 1 1 1
76 777 78 79 80	The concept of logical consequence Denial of following Reverse statements Following and equivalence Following and properties of objects	1 1 1 1 1 1
76 77 78 79 80	The concept of logical consequence Denial of following Reverse statements Following and equivalence Following and properties of objects Geometry	1 1 1 1 1 1
76 777 78 79 80 80	The concept of logical consequence Denial of following Reverse statements Following and equivalence Following and properties of objects Geometry Drawings and definitions of geometric concepts	1 1 1 1 1 1
76 777 78 79 80 80 81 81 82	The concept of logical consequence Denial of following Reverse statements Following and equivalence Following and properties of objects Geometry Drawings and definitions of geometric concepts Drawings and definitions of geometric concepts	1 1 1 1 1 1 1 1 1
76 777 78 79 80 80 81 81 82 82 83	The concept of logical consequence Denial of following Reverse statements Following and equivalence Following and properties of objects Drawings and definitions of geometric concepts Drawings and definitions of geometric concepts Properties of geometric shapes	1 1 1 1 1 1 1 1 1 1
76 777 78 79 80 80 81 81 82 83 83 83 83	The concept of logical consequence Denial of following Reverse statements Following and equivalence Following and properties of objects Drawings and definitions of geometric concepts Drawings and definitions of geometric concepts Properties of geometric shapes Properties of geometric shapes	1 1 1 1 1 1 1 1 1 1 1 1
76 777 78 79 80 80 81 82 82 83 83 83 83	The concept of logical consequence Denial of following Reverse statements Following and equivalence Following and properties of objects Geometry Drawings and definitions of geometric concepts Drawings and definitions of geometric concepts Properties of geometric shapes Properties of geometric shapes Building tasks. Wonderful points in the triangle.	1 1 1 1 1 1 1 1 1 1 1 1 1
76 777 78 79 80 80 81 82 82 83 83 83 83 83 83 83 83 83	The concept of logical consequence Denial of following Reverse statements Following and equivalence Following and properties of objects Following and properties of objects Drawings and definitions of geometric concepts Drawings and definitions of geometric concepts Properties of geometric shapes Properties of geometric shapes Building tasks. Wonderful points in the triangle. Building tasks	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
76 777 78 79 80 80 80 81 82 82 83 83 82 83 83 83 83 83 83 83 83 83 83 83 83 83	The concept of logical consequence Denial of following Reverse statements Following and equivalence Following and properties of objects Geometry Drawings and definitions of geometric concepts Drawings and definitions of geometric concepts Properties of geometric shapes Properties of geometric shapes Building tasks. Wonderful points in the triangle. Building tasks	
76 777 78 79 80 80 81 82 83 83 83 83 83 83 83 83 83 83 83 83 83	The concept of logical consequence Denial of following Reverse statements Following and equivalence Following and properties of objects Following and properties of objects Drawings and definitions of geometric concepts Drawings and definitions of geometric concepts Drawings and definitions of geometric concepts Properties of geometric shapes Properties of geometric shapes Building tasks. Wonderful points in the triangle. Building tasks Wonderful points in the triangle	
76 777 78 79 80 80 80 81 82 82 82 82 82 82 82 82 83 82 83 83 83 83 83 83 83 83 83 83 83 83 83	The concept of logical consequence Denial of following Reverse statements Following and equivalence Following and properties of objects Following and properties of objects Drawings and definitions of geometric concepts Drawings and definitions of geometric concepts Drawings and definitions of geometric concepts Properties of geometric shapes Properties of geometric shapes Building tasks. Wonderful points in the triangle. Building tasks Wonderful points in the triangle Wonderful points in the triangle	
776 777 78 79 80 80 80 80 80 80 80 81 82 82 83 83 83 83 83 83 83 83 83 83 83 83 83	The concept of logical consequence Denial of following Reverse statements Following and equivalence Following and properties of objects Geometry Drawings and definitions of geometric concepts Drawings and definitions of geometric concepts Properties of geometric shapes Properties of geometric shapes Building tasks. Wonderful points in the triangle. Building tasks Wonderful points in the triangle Geometric bodies and their images Polyhedron	
76 777 78 79 80 80 80 81 82 82 83 83 82 83 83 83 83 83 83 83 83 83 83 83 83 83	The concept of logical consequence Denial of following Reverse statements Following and equivalence Following and properties of objects Following and properties of objects Drawings and definitions of geometric concepts Drawings and definitions of geometric concepts Drawings and definitions of geometric concepts Properties of geometric shapes Properties of geometric shapes Building tasks. Wonderful points in the triangle. Building tasks Wonderful points in the triangle Wonderful points in the triangle Geometric bodies and their images Polyhedron Rotation bodies	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
776 777 78 79 80 80 880 881 882 882 883 883 883 884 885 884 885 885 885 885 885 885 885	The concept of logical consequence Denial of following Reverse statements Following and equivalence Following and properties of objects Geometry Drawings and definitions of geometric concepts Drawings and definitions of geometric concepts Properties of geometric shapes Properties of geometric shapes Building tasks. Wonderful points in the triangle. Building tasks Wonderful points in the triangle Wonderful points in the triangle Geometric bodies and their images Polyhedron Rotation bodies	1 1 1 1 1 1 1 1 1 1 1 1 1 1
76 77 78 79 80 80 81 82 82 83 82 83 83 83 83 83 83 83 83 83 83 83 83 83	The concept of logical consequence Denial of following Reverse statements Following and equivalence Following and properties of objects Following and properties of objects Drawings and definitions of geometric concepts Drawings and definitions of geometric concepts Drawings and definitions of geometric concepts Properties of geometric shapes Properties of geometric shapes Building tasks. Wonderful points in the triangle. Building tasks Wonderful points in the triangle Wonderful points in the triangle Geometric bodies and their images Polyhedron Rotation bodies Measurement of quantities. Length, area, volume.	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
76 777 78 79 80 80 880 881 882 882 883 883 884 883 884 885 885 885 885 885 885 885 885 885	The concept of logical consequence Denial of following Reverse statements Following and equivalence Following and properties of objects Following and properties of objects Drawings and definitions of geometric concepts Drawings and definitions of geometric concepts Drawings and definitions of geometric concepts Properties of geometric shapes Properties of geometric shapes Building tasks. Wonderful points in the triangle. Building tasks Wonderful points in the triangle Wonderful points in the triangle Geometric bodies and their images Polyhedron Rotation bodies Measurement of quantities. Length, area, volume. Measurement of quantities. Length, area, volume.	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
76 777 78 79 80 80 880 881 82 882 882 883 884 883 884 885 885 885 885 886 885 886 885 885 885	The concept of logical consequence Denial of following Reverse statements Following and equivalence Following and properties of objects Following and properties of objects Drawings and definitions of geometric concepts Drawings and definitions of geometric concepts Drawings and definitions of geometric concepts Properties of geometric shapes Properties of geometric shapes Building tasks. Wonderful points in the triangle. Building tasks Wonderful points in the triangle Wonderful points in the triangle Geometric bodies and their images Polyhedron Rotation bodies Measurement of quantities. Length, area, volume. Angle measure. Protractor. Angle measure. Protractor.	1 1 1 1 1 1 1 1 1 1 1 1 1 1
76 777 78 79 80 80 80 83 83 83 83 83 83 83 83 83 83 83 83 83	The concept of logical consequence Denial of following Reverse statements Following and equivalence Following and properties of objects Following and properties of objects Ceometry Drawings and definitions of geometric concepts Drawings and definitions of geometric concepts Properties of geometric shapes Properties of geometric shapes Building tasks. Wonderful points in the triangle. Building tasks Wonderful points in the triangle Wonderful points in the triangle Geometric bodies and their images Polyhedron Rotation bodies Measurement of quantities. Length, area, volume. Angle measure. Protractor. Angle measure. Protractor.	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
76 777 78 79 80 80 80 83 83 83 83 83 83 83 83 83 83 83 83 83	The concept of logical consequence Denial of following Reverse statements Following and equivalence Following and properties of objects Following and properties of objects Drawings and definitions of geometric concepts Drawings and definitions of geometric concepts Properties of geometric shapes Properties of geometric shapes Building tasks. Wonderful points in the triangle. Building tasks Wonderful points in the triangle Geometric bodies and their images Polyhedron Rotation bodies Measurement of quantities. Length, area, volume. Measurement of quantities. Length, area, volume. Angle measure. Protractor. Angle measure. Protractor. Beauty and symmetry Plane transformation	1 1 1 1 1 1 1 1 1 1 1 1 1 1
76 77 78 79 80 80 81 81 82 83 83 83 84 85 86 87 88 88 90 91 91 92 93 93 94 95 95 96 97 98 99	The concept of logical consequence Denial of following Reverse statements Following and equivalence Following and properties of objects Geometry Drawings and definitions of geometric concepts Drawings and definitions of geometric concepts Properties of geometric shapes Properties of geometric shapes Building tasks. Wonderful points in the triangle. Building tasks Wonderful points in the triangle Wonderful points in the triangle Geometric bodies and their images Polyhedron Rotation bodies Measurement of quantities. Length, area, volume. Angle measure. Protractor. Angle measure. Protractor. Beauty and symmetry Plane transformation Plane transformation Regular polygons	1 1 1 1 1 1 1 1 1 1 1 1 1 1
76 777 78 79 80 81 82 831 82 833 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 99 99 90 99 99 99 99 999 1000	The concept of logical consequence Denial of following Reverse statements Following and equivalence Following and properties of objects Geometry Drawings and definitions of geometric concepts Drawings and definitions of geometric concepts Properties of geometric shapes Properties of geometric shapes Building tasks. Wonderful points in the triangle. Building tasks Wonderful points in the triangle Wonderful points in the triangle Geometric bodies and their images Polyhedron Rotation bodies Measurement of quantities. Length, area, volume. Angle measure. Protractor. Angle measure. Protractor. Beauty and symmetry Plane transformation Plane transformation Regular polyhedrons	
 76 77 78 79 80 81 82 83 84 85 86 87 86 87 88 89 90 91 92 93 94 95 96 97 98 99 98 99 100 	The concept of logical consequence Denial of following Reverse statements Following and equivalence Following and properties of objects Following and properties of objects Drawings and definitions of geometric concepts Drawings and definitions of geometric concepts Properties of geometric shapes Properties of geometric shapes Building tasks. Wonderful points in the triangle. Building tasks Wonderful points in the triangle Wonderful points in the triangle Geometric bodies and their images Polyhedron Rotation bodies Measurement of quantities. Length, area, volume. Angle measure. Protractor. Angle measure. Protractor. Beauty and symmetry Plane transformation Plane transformation Regular polyhedrons @ Quarter IV Total	1 1 1 1 1 1 1 1 1 1 1 1 1 1

