

RIGHTSTART™ MATHEMATICS RS2 LEVEL G INDEPENDENT VIDEO CLASS SYLLABUS

RS2			
LEVEL G ASSIGNED			
WEEK	LESSON	GAME	LESSON TITLE
1.1	intro	---	Notes to Student
	1	---	Getting Started
1.2	2	F7	Drawing Diagonals
	3	F7	Drawing Stars
2.1	4	F8	Equilateral Triangles into Halves
	5	F13	Equilateral Triangles into Sixths & Thirds
	6	F14	Equilateral Triangles into Fourths & Eighths
2.2	7	F13, F14	Equilateral Triangles into Ninths
3.1	8	F10	Equilateral Triangles into Twelfths and More
	9	F10	Hexagrams and Seal of Solomon
3.2	10	F7, F13, F14	Review and Games 1
4.1	11	F31	Measuring Perimeter in Centimeters
	12	F31	Measuring Perimeter in Inches
	13	F31	Drawing Parallelograms in Centimeters
	14	F31	Drawing Parallelograms in Inches
4.2	15	P33	Scientific Calculator and Perimeter Formula
	16	D13	Converting Inches to Centimeters
5.1	17	F9	Drawing Rectangles
	18	F9	Drawing Rhombuses
5.2	19	F9	Drawing Squares
	20	P32	Classifying Quadrilaterals
6.1	21	F9, P32	Review and Games 2
	22	F18	The Fraction Chart
6.2	23	F18	Patterns in Fractions
	24	F32	Measuring With Sixteenths
7.1	25	F32	A Fraction of Geometry Figures
	26	F32	Making the Whole
7.2	27	F18, F32	Review and Games 3
	28	P20	Square Centimeters
	29	P20	Square Inches
8.1	30	P20	Area of a Rectangle
	31	P20	Comparing Areas of Rectangles
8.2	32	P35	Product of a Number + Two More
	33	P35	Area of Consecutive Squares

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WEEK	LESSON	GAME	LESSON TITLE
9.1	34	F39	Area of a Parallelogram
9.2	35	N46	Rounding
	36	F39	Comparing Calculated Areas of Parallelograms
10.1	37	A60	Area of a Triangle
	38	A60	Comparing Calculated Areas of Triangles
10.2	39	P33, F39	Review and Games 4
	40	---	Review for Assessment 1
11.1	41	---	Assessment 1
12.1	42	D13	Name that Figure
	43	D13	Area of Trapezoids
12.2	44	D13	Area of Hexagons
	45	D14	Area of Stars
13.1	46	D14	Area of Octagons
	47	D14	Ratios and Nested Squares
13.2	48	D14	Finding the Areas of More Triangles
	49	A42	Ratios of Areas
14.1	50	A42	Measuring Angles
	51	A42	Supplementary and Vertical Angles
14.2	52	A42	Angles in a Polygon
	53	D14, A42	Review and Games 5
15.1	54	A42	Classifying Triangles by Sides and Angles
	55	A56	External Angles of a Triangle
15.2	56	A56	Angles Formed With Parallel Lines
16.1	57	A56	Triangles With Congruent Sides (SSS)
	58	A56	Other Congruent Triangles (SAS, ASA)
16.2	59	A56	Side and Angle Relationships in Triangles
	60	F34 v1	Medians in Triangles
17.1	61	F34 v1	More About Medians in Triangles
	62	A38	Relationships of Medians in Triangles
17.2	63	A38	Connecting Midpoints in a Triangle
	64	A41	Rectangles Inscribed in a Triangle
18.1	65	A41	Connecting Midpoints in a Quadrilateral
	66	F34 v1	Review and Games 6
18.2	67	A41	Introducing the Pythagorean Theorem
	68	A41	Squares on Right Triangles
19.1	69	P23	Proofs of the Pythagorean Theorem
	70	P23	Finding Square Roots
19.2	71	P23	More Right Angle Problems

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WEEK	LESSON	GAME	LESSON TITLE
20.1	72	P23	The Square Root Spiral
	73	P23	Square Root Spiral Pattern
20.2	74	P33, F39	Review and Games 7
	75	---	Review for Assessment 2
21.1	76	---	Assessment 2
	77	choice	Circle Basics
21.2	78	D3, D4	Inscribed Polygons
22.1	79	D3, D4	Tangents to Circles
	80	D3, D4	Circumscribed Polygons
22.2	81	D3, D4	Ratio of Circumference to Diameter
	82	D6	Pi, a Special Number
23.1	83	D6	Circle Designs
	84	D6	Rounding Edges With Tangents
23.2	85	D6	Making a "No U-Turn" Sign
	86	D6	Tangent Circles
24.1	87	D3, D4	Review and Games 8
	88	D7	Bisecting Angles
24.2	89	D7	Inscribed Circles
25.1	90	D7	Perpendicular Bisectors
	91	D7	The Amazing Nine-Point Circle
25.2	92	D7	Drawing Arcs
	93	D8	More Drawing Arcs
26.1	94	D8	Angles 'n Arcs
	95	D8	Arc Length
26.2	96	D8, D7	Review and Games 9
	97	F46	Area of a Circle
27.1	98	F46	Finding the Area of a Circle
	99	F46	Babylonian Circles
27.2	100	D9	Finding More Area
28.1	101	D9	Doubling Perimeter, Circumference, & Area
	102	D9	Pizza Problems
28.2	103	F46, D9	Review and Games 10
	104	F48	Revisiting Tangrams
29.1	105	F48	Aligning Objects
	106	F48	Reflecting
29.2	107	F48	Rotating

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WEEK	LESSON	GAME	LESSON TITLE
30.1	108	F22.1	Making Wheel Designs
	109	F22.1	Identifying Reflections and Rotations
30.2	110	F22.1, F48	Review and Games 11
	111	F22.1	Translations
31.1	112	F22.1	Transformations
	113	F22.1	More Transformations
31.2	114	F22.1	Double Reflections
	115	F22.1	Finding the Line of Reflection
32.1	116	F22.1, F48	Review and Games 12
	117	choice	Finding the Center of Rotation
32.2	118	choice	More Centers of Rotation
33.1	119	choice	More Double Reflections
	120	choice	Angles of Incidence and Reflection
33.2	121	choice	Lines of Symmetry
34.1	122	choice	Rotational Symmetry
	123	choice	Symmetry Connections
34.2	124	choice	Frieze Patterns
	125	choice	Review and Games 13
35.1	126	---	Review for Assessment 3
35.2	127	---	Assessment 3
	128	---	Enrichment Year End Original Designs
	129	---	Enrichment Design Plans
	130	---	Enrichment Design Creation