

## Baird Middle School - 6th Grade Mathematics

	Content	Page	Activity/Task R2	Standard	Assessment
1	Prime Factorization	9	Orchestra Outing	6.NS.4	all
2	LCM*	13		6.NS.4	all
3	GCF*	17		6.NS.4	all
4	Add/Subtract Decimals	27		6.NS.3	1,2,4,6,7
5	Multiply Decimals	31		6.NS.3	1,2,4,6,7
6	Divide Decimals*	35		6.NS.3	1,2,4,6,7
7	Chapter 1 Test		Tech Illuminate		all
8	Fractions and Decimals	51	Clock Fractions	6.NS.6	1,2,4,6,7
9	Compare and Order Fractions and Decimals*	55		6.NS.6	1,2,4,6,7
10	Add/Subtract Fractions			6.NS.1	1,2,4,6,7
11	Multiply Fractions*	59		6.NS.1	all
12	Model Fraction Division	69		6.NS.4	1,2,4,6,7
13	Estimate Quotients	73		6.NS.1	1,2,4,6,7
14	Divide Fractions*	85		6.NS.1	all
15	Chapter 2 Test		Tech Illuminate		all
16	Use Positive and Negative Numbers*	101	Negative Numbers in History	6.NS.5	1,2,4,6,7
17	Compare and Order Integers*	105		6.NS.7	all
18	Compare and Order Rational Numbers*	113		6.NS.7	all
19	Absolute Value*	119		6.NS.7	1,2,4,6,7
20	Rational Numbers and the Coordinate Plane*	127		6.NS.6	1,2,4,6,7
21	Ordered Pair Relationships* Reflection of axis	131		6.NS.6	1,2,4,6,7
22	Distance on a Coordinate Plane	135		6.NS.8	1,2,4,6,7
23	Chapter 3 Test		Tech Illuminate		all

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24	Model Ratios	153	Madurodam	6.RP.1	1,2,4,6,7
25	Ratio and Rates*	157		6.RP.1	1,2,4,6,7
26	Equivalent Ratios*	161		6.RP.3	1,2,4,6,7
27	Using Tables to Compare Ratios*	165		6.RP.3	1,2,4,6,7
28	Use Equivalent Ratios*	169		6.RP.3	all
29	Find Unit Rates*	175		6.RP.2	1,2,4,6,7
30	Use Unit Rates*	179		6.RP.3	1,2,4,6,7
31	Equivalent Ratios and Graphs* Dbl Line Graph	183		6.RP.3	1,2,4,6,7
32	Chapter 4 Test		Tech Illuminate		all
33	Model Percents	195	Clearance Sale	6.RP.3	1,2,4,6,7
34	Write Percents as a Fraction or Decimal	199		6.RP.3	1,2,4,6,7
35	Write Fraction and Decimals as a Percent	203		6.RP.3	all
36	Percent of a Quantity*	209		6.RP.3	1,2,4,6,7
37	Find the Whole from a Percent	217		6.RP.3	1,2,4,6,7
38	Chapter 5 Test		Tech Illuminate		all
39	Convert Units of Length	229	Decathlon	6.RP.3	1,2,4,6,7
40	Convert Units of Capacity	233		6.RP.3	1,2,4,6,7
41	Convert Units of Weight and Mass*	237		6.RP.3	1,2,4,6,7
42	Transform Units*	243		6.RP.3	1,2,4,6,7
43	Problem Solving - Distance, Rate, and Time	247		6.RP.3	1,2,4,6,7
44	Chapter 6 Test		Tech Illuminate		all
45	Exponents*	261	Bump and Spike	6.EE.1	1,2,4,6,7
46	Evaluate Expressions Involving Exponents*	265		6.EE.1	all
47	Write Algebraic Expressions*	269		6.EE.2	1,2,4,6,7
48	Identify Parts of Expressions*	273		6.EE.2	1,2,4,6,7
49	Evaluate Algebraic Expressions and Formulas*	277		6.EE.2	1,2,4,6,7
50	Use Algebraic Expressions	283		6.EE.6	1,2,4,6,7
51	Combine Like Terms	287		6.EE.3	1,2,4,6,7
52	Generate Equivalent Expressions* Properties	291		6.EE.3	all
53	Identify Equivalent Expressions	295		6.EE.4	1,2,4,6,7
54	Chapter 7 Test		Tech Illuminate		all

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55	Solutions of Equation	307	Brain Teaser	6.EE.5	1,2,4,6,7
56	Write Equations	311		6.EE.7	1,2,4,6,7
57	Model and Solve Addition Equations	315		6.EE.7	all
58	Solve Addition and Subtraction Equations*	319		6.EE.7	1,2,4,6,7
59	Model and Solve Multiplication Equations	323		6.EE.7	all
60	Solve Multiplication and Divisions Equations*	327		6.EE.7	1,2,4,6,7
61	Solution of Inequalities*	337		6.EE.5	1,2,4,6,7
62	Write Inequalities	341		6.EE.8	1,2,4,6,7
63	Graph Inequalities	345		6.EE.8	1,2,4,6,7
64	Chapter 8 Test		Math Carnival		all
65	Independent and Dependent Variables*	357	Bike Hike	6.EE.9	1,2,4,6,7
66	Equations and Tables	361		6.EE.9	1,2,4,6,7
67	Graph Relationships	371		6.EE.9	1,2,4,6,7
68	Equations and Graph	375		6.EE.9	all
69	Chapter 9 Test		Tech Illuminate		all
70	Area of Parallelograms*	389	Chinese Checkers	6.G.1	all
71	Area of Triangles*	393		6.G.1	all
72	Area of Trapezoids*	401		6.G.1	1,2,4,6,7
73	Area of Regular Polygons*	411		6.G.1	1,2,4,6,7
74	Composite Figures	415		6.G.1	1,2,4,6,7
75	Changing Dimensions	419		6.G.1	1,2,4,6,7
76	Figures on a Coordinate Plane*	423		6.G.3	all
77	Chapter 10 Test		Trip to Mexico		all
78	Three-Dimensional Figures and Nets*	435	Terry's Workshop	6.G.4	all
79	Surface Area using Nets*	439		6.G.4	1,2,4,6,7
80	Surface Area of Prisms* Use Nets	443		6.G.4	1,2,4,6,7
81	Surface Area of Pyramids* Use Nets	447		6.G.4	1,2,4,6,7
82	Fractions and Volume*	453		6.G.2	1,2,4,6,7
83	Volume of Rectangular Prisms*	457		6.G.2	1,2,4,6,7
84	Chapter 11 Test		Tech Illuminate		all

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85	Describe Data Collection*	477	Monique's Survey	6.SP.5	all
86	Dot Plots and Frequency Tables*	481		6.SP.4	all
87	Histograms*	485		6.SP.4	1,2,4,6,7
88	Mean*	491		6.SP.5	1,2,4,6,7
89	Measures of Center* Interquartile Range/Media/Range	495		6.SP.5	all
90	Effects of Outliers	499		6.SP.5	1,2,4,6,7
91	Data Displays	503		6.SP.4	all
92	Chapter 12 Test		Cooperstown Bound		1,2,4,6,7
93	Patterns in Data	515	On the Radar	6.SP.5	1,2,4,6,7
94	Box and Whiskers Plots	519		6.SP.4	all
95	Mean Absolute Deviation	523		6.SP.5	1,2,4,6,7
96	Measures of Variability	527		6.SP.5	1,2,4,6,7
97	Describe Distributions	541	A Home for Amigo	6.SP.2	1,2,4,6,7
98	Misleading Statistics	545	Beaded Baskets	6.SP.2	1,2,4,6,7
99	Chapter 13 Test		Tech Illuminate		all
Mathematical Practices					
1. Make sense of problems and persevere in solving them					
2. Reason abstractly and quantitatively					
3. Construct viable arguments and critique the reasoning of others					
4. Model with mathematics.					
5. Use appropriate tools strategically.					
6. Attend to precision.					
7. Look for and make use of structure					
8. Look for and express regularity in repeated reasoning.					