KINDERGARTEN	7	Mathseeds Lesson #			Additional Mathseeds Resources		
	7	Knowledge and Skills	Assessment	Higher Order Thinking Skills	Fluency	Assessment	
Overall Expectations As children progress through the Kindergarten program, they:	Codes	Online Lesson and Printable Resources	End-of-lesson Quiz	Critical Thinking and Problem Solving Worksheets	Driving Tests (DT) Mental Minute (MM)	Printable Achievement Standards Assessment	
demonstrate an understanding of numbers, using concrete materials to explore and investigate counting, quantity, and number relationships.	OE15	1, 2, 3, 5, 7, 10, 11, 12, 31, 32, 33, 34, 36, 40,	14, 16, 17, 18, 19 41, 43, 45, 46, 47	7, 20, 21, 22, 24, 25, 28, 30, 7, 48, 49, 50	DT Early Number 1–10	Kindergarten Number Tests 1–4 Kindergarten Operations Tests 1–4	
measure, using non-standard units of the same size, and compare objects, materials, and spaces in terms of their length, mass, capacity, area, and temperature, and explore ways of measuring the passage of time, through inquiry and play-based learning.	OE16	13, 26, 29, 38, 39, 42			DT Early Measurement 1–20	Kindergarten Measurement Tests 1–5	
describe, sort, classify, build, and compare two-dimensional shapes and three-dimensional figures, and describe the location and movement of objects through investigation.	OE17	4, 6, 9, 15, 23, 35, 44			DT Early Geometry 1–11, 13–23	Kindergarten Geometry Tests 1–5	
recognize, explore, describe, and compare patterns, and extend, translate, and create them, using the core of a pattern and predicting what comes next.	OE18	8, 27, 37			DT Early Patterns 1–9		
collect, organize, display, and interpret data to solve problems and to communicate information, and explore the concept of probability in everyday contexts.	OE19				DT Early Data 1–10	Kindergarten Data Tests 1–2	
			C				



0.5	GRADE 1	Mathseeds Lesson #			Ac
		Knowledge and Skills	Assessment	Higher Order Thinking Skills	Fluency
Strands	Overall Expectations By the end of Grade 1, students will:	Online Lesson and Printable Resources	End-of-lesson Quiz	Critical Thinking and Problem Solving Worksheets	Driving Tests (DT) Mental Minute (M
Number Sense and Numeration	read, represent, compare, and order whole numbers to 50; count forward to 100 and backwards from 20;	56, 60, 63, 67, 75, 77, 7	DT Early Number 1 DT Grade 1 Numbe		
	investigate fractions;	61, 66	DT Grade 1 Pattern 5, 6, 11, 13, 14		
	investigate money amounts;	64, 83, 92	DT Grade 1 Measu		
	solve problems involving the addition and subtraction of single-digit whole numbers, using a variety of strategies.	51, 53, 58, 65, 68, 72, 8	DT Early Operation MM Addition Sprint MM Subtraction Sp		
Measurement	estimate, measure, and describe length, area, mass, and capacity using non-standard units of the same size; compare, describe, and order objects, using length, area, mass, and capacity;	55, 59, 73, 84, 89		DT Grade 1 Measur 14, 17–19	
	estimate, measure, and describe time using non-standard units of the same size. 54, 70, 87		DT Grade 1 Measu 15, 16		
Geometry and	identify common two-dimensional shapes and sort and classify them by their attributes; identify common three-dimensional figures and sort and classify them by their attributes; compose and decompose common two- dimensional shapes and three-dimensional figures;	52, 62, 69, 99		DT Grade 1 Geome 13, 17–19	
Spatial Sense	describe the relative locations of objects using positional language.	57, 78, 94			DT Grade 1 Geome 14–16
Patterning and Algebra	identify, describe, extend, and create repeating patterns;				DT Grade 1 Pattern 2, 4
	demonstrate an understanding of the concept of equality, using concrete materials and addition and subtraction to 10.	76			
Data Management and Probability	collect and organize data; display data using concrete graphs and pictographs; read and describe data in concrete graphs and pictographs;	80, 97			DT Grade 1 Data 1 12–16
	describe the likelihood that everyday events will happen.	82	10		DT Grade 1 Data 5

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	Assessment
۸м)	Printable Achievement Standards Assessment
1-23 er 1-10	Grade 1 Number and Algebra: Whole Numbers Tests 1–7
ns and Fractions 3,	Grade 1 Number and Algebra: Fractions and Money Tests 1 & 2
urement 3, 5, 6, 12	Grade 1 Number and Algebra: Fractions and Money Tests 3–7
ns 1—25 ts prints	Grade 1 Number and Algebra: Operations Tests 1–5
urement 2, 4, 11, 13,	Grade 1 Measurement: Length Tests 1–5
urement 1, 8—10,	Grade 1 Measurement: Time Tests 1–5
etry 1–3, 6–10,	
etry 4, 5, 11, 12,	
ns and Fractions 1,	
1–4, 6, 9, 10,	Grade 1 Statistics: Data Tests 1–4
5, 7, 8, 11	

	GRADE 2	Mathseeds Lesson #		Add	
		Knowledge and Skills	Assessment	Higher Order Thinking Skills	Fluency
Strands	Overall Expectations By the end of Grade 2, students will:	Online Lesson and Printable Resources	End-of-lesson Quiz	Critical Thinking and Problem Solving Worksheets	Driving Tests (DT) Mental Minute (MM)
Number Sense and Numeration	read, represent, compare, and order whole numbers to 100; count forward to 200 and backwards from 50, using multiples of various numbers as starting points;	101, 108, 117, 122, 129	DT Grade 1 Number 11		
	represent fractions;	132, 138	DT Grade 2 Patterns an 11, 12, 14–17		
	represent money amounts to 100¢;	125, 147	DT Grade 2 Measureme		
	solve problems involving the addition and subtraction of one- and two-digit whole numbers, using a variety of strategies;	95, 96, 98, 103, 110, 1	DT Grade 1 Operations DT Grade 2 Operations MM Addition Sprints MM Subtraction Sprints		
	investigate multiplication and division.	71, 74, 111, 113, 115, 13	MM Multiplication Sprin MM Division Sprints		
Measurement	estimate, measure, and record length, mass, and capacity using non-standard units and standard units; compare, describe, and order objects, using length, mass, and capacity;	104, 116, 126, 135, 141	DT Grade 2 Measureme 13, 15, 17–19, 21–24		
	estimate, measure, and record area using non-standard units and standard units; compare, describe, and order objects, using area;	112, 149	DT Grade 2 Measureme		
	estimate, measure, and record time using non-standard units and standard units.	109, 114, 123, 127	DT Grade 2 Measureme 14, 16, 20		
Geometry and	identify two-dimensional shapes and sort and classify them by their geometric properties; identify three-dimensional figures and sort and classify them by their geometric properties;	119, 121, 145	DT Grade 2 Geometry 3		
Spatial Sense	describe and represent the relative locations of objects, and represent objects on a map.				DT Grade 2 Geometry 3
Patterning and Algebra	identify, describe, extend, and create repeating patterns, growing patterns, and shrinking patterns;	102, 133			DT Grade 2 Patterns and 1–4, 6–10, 13
Data Management and Probability	collect, organize and display data, and read and describe data, using tally charts, concrete graphs, pictographs, line plots, simple bar graphs, and other graphic organizers;	143	DT Grade 2 Data 1, 4, .		
	describe probability in everyday situations and simple games.	107			DT Grade 2 Data 2, 3,

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ditional Mathseeds Resources

	Assessment
	Printable Achievement Standards Assessment
1–22	Grade 2 Number and Algebra: Numbers to 1000 Tests 1–3
d Fractions 5,	Grade 2 Number and Algebra: Fractions and Money Tests 1–3
ent 12	Grade 2 Number and Algebra: Fractions and Money Tests 4–7
s 1–20 s 1–5, 7, 13–17	Grade 2 Number and Algebra: Addition and Subtraction Tests 1–6
nts	Grade 2 Number and Algebra: Equal Groups Tests 1–5
ent 6, 8, 9, 11,	Grade 2 Measurement: Length Tests 1–8
ent 6	
ent 1–5, 7, 10,	Grade 2 Measurement: Time Tests 1–7
3–7, 10	Grade 2 Geometry: Shapes Tests 1–5
2, 8, 11, 13	
nd Fractions	Grade 2 Number and Algebra: Number Patterns Tests 1–3
5, 7–14	Grade 2 Statistics: Data Tests 1–5
6	

0.	GPADE 3		Mathseeds Lesson #			
		Knowledge and Skills	Assessment	Higher Order Thinkin		
Strands	Overall Expectations By the end of Grade 3, students will:	Online Lesson and Printable Resources	End-of-lesson Quiz	Critical Thinking and I Solving Worksheets		
	read, represent, compare, and order whole numbers to 1000;	105, 106, 166, 194				
Number Sense and Numeration	represent fractions;	160, 175, 180, 191, 197				
	represent money amounts to \$10;	159				
	solve problems involving the addition and subtraction of single- and multi-digit whole numbers, using a variety of strategies;	134, 144, 146, 148, 170, 173, 178, 183, 188				
	demonstrate an understanding of multiplication and division.	155, 158, 165, 168, 171, 176, 181, 186, 190, 193, 196, 199				
	estimate, measure, and record length, perimeter, and area using standard units; compare, describe, and order objects, using length, perimeter, and area;	157, 182, 192, 198, 200				
Measurement	estimate, measure, and record mass, and capacity using standard units; compare, describe, and order objects, using mass, and capacity;	154, 172				
	estimate, measure, and record time using standard units.	162, 179, 185, 189				
Geometry and Spatial Sense	compare two-dimensional shapes and sort them by their geometric properties; describe relationships between two-dimensional shapes; compare three-dimensional figures and sort them by their geometric properties; describe relationships between two-dimensional shapes and three-dimensional figures;	169, 184				
	identify and describe the locations and movements of shapes and objects.	164				
Patterning and Algebra	describe, extend, and create a variety of numeric patterns and geometric patterns;	153, 195				
	demonstrate an understanding of equality between pairs of expressions, using addition and subtraction of one- and two-digit numbers.	163				
Data Management and Probability	collect, organize and display data using charts and graphs, including vertical and horizontal bar graphs; read, describe, and interpret primary data presented in charts and graphs, including vertical and horizontal bar graphs;	174, 187, 198				
	predict and investigate the frequency of a specific outcome in a simple probability experiment.	167	-			





	Additional Mathseeds Resources	
g Skills	Fluency	
Problem	Driving Tests (DT) Mental Minute (MM)	
	DT Grade 2 Number 1–24	
	DT Grade 2 Operations 18, 20–28 MM Addition Sprints MM Subtraction Sprints	
	MM Multiplication Sprints MM Division Sprints	
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