

Mathematics Pacing Guide Grades 3-5

Aug/Sept. (20 hours)

		3 rd	4 th	5 th	Time
Daily Number Sense	Spiral practice covering these standards	3.1.A, 3.1.B, 3.1.D, 3.2.E, 3.2.F, 3.3.D, 3.4.E, 3.5.A, 3.5.C, 3.5.D, 3.6.A-J algebra rev.	4.1.A, 4.1.C, 4.1.D, 4.1.E, 4.1.G, 4.1.H, 4.1.I, 4.2.A, 4.2.B, 4.2.E, 4.2.H, 4.2.I, 4.3.F, 4.4.A, 4.4.B, 4.4.C, 4.4.D, 4.5.A-J algebra rev.	5.1.A, 5.1.D, 5.1.E, 5.1.F, 5.2.A, 5.2.B, 5.2.D, 5.2.G, 5.2.H, 5.3.I, 5.5.A, 5.6.A-J Algebra review	
Origo	Ch. 1 Ch. 2	3.1.C 3.2.A 3.2.D 3.2.E	3.1.C 3.1.B 4.1.A 4.1.B	3.1.E 4.1.B, 4.1.F 4.2.A, 4.2.B 4.2.E, 4.2.F	12 hrs.
Algebra For All	Lessons 1-3, 24	2.2.G 3.1.E 3.2.A 3.2.B 3.5.A 3.5.C	3.1.E 4.4.A 4.4.D 5.4.D	4.1.J 4.4.A 5.1.F 5.4.C 5.4.D	2 hrs.
Fractions		3.3.A	4.2.A 4.2.B	5.2.A 5.2.C	2 hrs.
Measurement		3.4.D, 3.4.E	4.4.B, 4.4.C	5.3.E	1 hr.
Probability/ Statistics		3.5.E Construct/read Pictographs	4.4.E, 4.4.F	5.5.C	1 hr.
Problem Solving	Think Tanks ▪ Computation ▪ Problem solving WASL prompt	3.1.E 3.2.F 3.2.H 3.3.D 3.4.E 3.6 A-J	4.1.I, 4.2.I, 4.3.F, 4.4.B, 4.5.A-J	5.1.F, 5.2.H, 5.3.I, 5.6.A-J	2 hrs.

Highlight:

- 3.1.B Round whole numbers through 10,000 to the nearest ten, hundred, and thousand.
- 3.1.D Estimate sums and differences
- 4.1.C Represent a 2 digit x 2 digit multiplication problem with place value models
- 4.1.D Multiply by 10, 100, 1000
- 4.1.G Mentally multiply two-digit numbers by numbers through 10 and multiples of 10.
- 4.1.H Estimate products and determine reasonableness
- 4.2.H Round fractions and decimals to the nearest whole number
- 4.4.C Estimate and determine elapsed time

K.Venneri 5/5/2009

October (23 hours)

		3 rd	4 th	5 th	Time
Daily Number Sense	Spiral practice covering these standards	3.1.A, 3.1.B, 3.1.D, 3.2.E, 3.2.F, 3.3.D, 3.4.E, 3.5.A, 3.5.C, 3.5.D, 3.6.A-J algebra rev.	4.1.A, 4.1.C, 4.1.D, 4.1.E, 4.1.G, 4.1.H, 4.1.I, 4.2.A, 4.2.B, 4.2.E, 4.2.H, 4.2.I, 4.3.F, 4.4.A, 4.4.B, 4.4.C, 4.4.D, 4.5.A-J algebra rev.	5.1.A, 5.1.D, 5.1.E, 5.1.F, 5.2.A, 5.2.B, 5.2.D, 5.2.G, 5.2.H, 5.3.I, 5.5.A, 5.6.A-J Algebra review	
Origo	Ch. 3 Ch. 4	3.1.C 3.2.B 3.3.A	3.1.C 3.3.C 4.2.E 5.2.F	5.1.F 5.2.H	12 hrs.
Algebra For All	Lessons 4-6, 25	2.2.G 3.1.A 3.1.E 3.5.A, 3.5.D 3.6	3.2.H 3.5.A, 3.5.C 4.4.A 4.5 5.4.D	5.1.F 5.4.C 5.4.D 5.5.C	2 hrs.
Fractions		3.3.A 3.3.B	4.2.A, 4.2.B 4.2.C, 4.2.D	5.2.B 5.2.G	3 hrs.
Measurement		3.5.B ↑	4.3.B, 4.3.C 4.3.D, 4.3.E 4.3.F	5.3.E	2 hrs.
Probability/ Statistics		3.5.E Construct/read Pictographs	4.4.E, 4.4.F	5.5.C	1 hr.
Problem Solving	Think Tanks ▪ Computation ▪ Problem solving WASL prompt	3.1.E 3.2.F 3.2.H 3.3.D 3.4.E 3.6 A-J	4.1.I, 4.2.I, 4.3.F, 4.4.B, 4.5.A-J	5.1.F, 5.2.H, 5.3.I, 5.6.A-J	3 hrs.

Highlight:

- 5.1.A Represent multi-digit division using place value models
- 5.1.D Estimate quotients and determine reasonableness
- 5.1.E Mentally divide two-digit numbers by one-digit divisors
- 5.2.D Determine the GCF and LCM of two or more whole numbers
- 5.5.A Classify numbers as prime and composite

November (13 hours)

		3 rd	4 th	5 th	Time
Daily Number Sense	Spiral practice covering these standards	3.1.A, 3.1.B, 3.1.D, 3.2.E, 3.2.F, 3.3.D, 3.4.E, 3.5.A, 3.5.C, 3.5.D, 3.6.A-J algebra rev.	4.1.A, 4.1.C 4.1.D,4.1.E, 4.1.G,4.1.H, 4.1.I, 4.2.A,4.2.B, 4.2.E,4.2.H, 4.2.I, 4.3.F, 4.4.A,4.4.B, 4.4.C,4.4.D 4.5.A-J algebra rev.	5.1.A,5.1.D, 5.1.E, 5.1.F, 5.2.A, 5.2.B, 5.2.D,5.2.G, 5.2.H 5.3.I, 5.5.A, 5.6.A-J Algebra review	
Origo	Ch. 5	3.1.C	4.1.F	5.2.H	6 hrs.
Algebra For All	Lessons 7, 26	3.1.A 3.1.E 3.5.A 3.6	4.4.A	5.4.C 5.4.D 5.5.C	1 hr.
Fractions		3.3.A 3.3.B 3.3.C	4.2.E	5.2.A,5.2.B 5.2.C,5.2.G	2 hrs.
Measurement		3.5.C	4.3.B-F	5.3.D	1 hr.
Probability/ Statistics		3.5.E Construct/ read Bar graph	4.4.E 4.4.F	5.5.C	1 hr.
Problem Solving	Think Tanks ▪ Computation ▪ Problem solving WASL prompt	3.1.E 3.2.F 3.2.H 3.3.D 3.4.E 3.6 A-J	4.1.I, 4.2.I, 4.3.F, 4.4.B, 4.5.A-J	5.1.F, 5.2.H, 5.3.I, 5.6.A-J	1 hr.

December (12 hours)

		3 rd	4 th	5 th	Time
Daily Number Sense	Spiral practice covering these standards	3.1.A, 3.1.B, 3.1.D, 3.2.E, 3.2.F, 3.3.D, 3.4.E, 3.5.A, 3.5.C, 3.5.D, 3.6.A-J algebra rev.	4.1.A, 4.1.C 4.1.D,4.1.E, 4.1.G,4.1.H, 4.1.I, 4.2.A,4.2.B, 4.2.E,4.2.H, 4.2.I, 4.3.F, 4.4.A,4.4.B, 4.4.C,4.4.D 4.5.A-J algebra rev.	5.1.A,5.1.D, 5.1.E, 5.1.F, 5.2.A, 5.2.B, 5.2.D,5.2.G, 5.2.H 5.3.I, 5.5.A, 5.6.A-J Algebra review	
Origo	Ch. 6	3.2.C 3.2.E	4.4.A	4.1.I 4.4.A	6 hrs.
Algebra For All	Lessons 8, 9, 27	3.1.A 3.1.E 3.2.H 3.5.A 3.6	4.1.I 4.4.A 5.4.A 5.4.D	5.4.A 5.4.B 5.4.C 5.5.C	1.5 hrs.
Fractions		3.3.A 3.3.B 3.3.C	4.2.E	5.2.A,5.2.B 5.2.C,5.2.G	1 hr.
Measurement		3.5.C	4.4.D	5.3.D	2 hrs.
Probability/ Statistics					
Problem Solving	Think Tanks ▪ Computation ▪ Problem solving WASL prompt	3.1.E 3.2.F 3.2.H 3.3.D 3.4.E 3.6 A-J	4.1.I, 4.2.I, 4.3.F, 4.4.B, 4.5.A-J	5.1.F, 5.2.H, 5.3.I, 5.6.A-J	1.5 hr.

January (19 hours)

		3 rd	4 th	5 th	Time
Daily Number Sense	Spiral practice covering these standards	3.1.A, 3.1.B, 3.1.D, 3.2.E, 3.2.F, 3.3.D, 3.4.E, 3.5.A, 3.5.C, 3.5.D, 3.6.A-J algebra rev.	4.1.A, 4.1.C, 4.1.D, 4.1.E, 4.1.G, 4.1.H, 4.1.I, 4.2.A, 4.2.B, 4.2.E, 4.2.H, 4.2.I, 4.3.F, 4.4.A, 4.4.B, 4.4.C, 4.4.D algebra rev.	5.1.A, 5.1.D, 5.1.E, 5.1.F, 5.2.A, 5.2.B, 5.2.D, 5.2.G, 5.2.H, 5.3.I, 5.5.A, 5.6.A-J Algebra review	
Origo	Ch. 7 Ch. 8	3.1.C 3.2.C	4.2.A 4.2.B 5.1.C	3.3.A 4.1.F 4.2.E, 4.2.F 6.1.F	12 hrs.
Algebra For All	Lessons 10-12, 28	2.2.F 3.2.H 3.6	4.1.I 5.4.A	5.4.A 5.4.B 5.4.C 5.5.C	2 hrs.
Fractions		3.3.A 3.3.B 3.3.C	4.2.F 4.2.G	5.2.A, 5.2.B 5.2.C, 5.2.G 5.2.E, 5.2.F	1 hr.
Measurement		3.5.D	4.3.B-F	5.3.D, 5.3.F, 5.3.I	1 hr.
Probability/ Statistics		3.5.E Frequency table / bar graphs	4.4.G, 4.4.H	5.5.B, 5.5.D	1 hr.
Problem Solving	Think Tanks ▪ Computation ▪ Problem solving WASL prompt	3.1.E 3.2.F 3.2.H 3.3.D 3.4.E 3.6 A-J	4.1.I, 4.2.I, 4.3.F, 4.4.B, 4.5.A-J	5.1.F, 5.2.H, 5.3.I, 5.6.A-J	2 hrs.

February (18 hours)

		3 rd	4 th	5 th	Time
Daily Number Sense	Spiral practice covering these standards	3.1.A, 3.1.B, 3.1.D, 3.2.E, 3.2.F, 3.3.D, 3.4.E, 3.5.A, 3.5.C, 3.5.D, 3.6.A-J algebra rev.	4.1.A, 4.1.C, 4.1.D, 4.1.E, 4.1.G, 4.1.H, 4.1.I, 4.2.A, 4.2.B, 4.2.E, 4.2.H, 4.2.I, 4.3.F, 4.4.A, 4.4.B, 4.4.C, 4.4.D algebra rev.	5.1.A, 5.1.D, 5.1.E, 5.1.F, 5.2.A, 5.2.B, 5.2.D, 5.2.G, 5.2.H, 5.3.I, 5.5.A, 5.6.A-J Algebra review	
Origo	Ch. 9	3.1.C	4.1.A 4.1.C	5.2.B 5.2.H 5.2.F	6 hrs.
Algebra For All	Lessons 13-15, 29	2.2.F, 2.2.G 3.1.E 3.2.H 3.3.A Into 4.4.D	4.1.I 4.4.D	5.1.F 5.2.H 5.4.C 5.4.D 5.5.C	2 hrs.
Fractions		3.3.A 3.3.B 3.3.C 3.3.D	4.2.F 4.2.G 4.2.H	5.2.A, 5.2.B 5.2.C, 5.2.G 5.2.E, 5.2.F 5.2.H	2 hrs.
Measurement		3.4.D, 3.4.E	4.3.B-F	5.3.F, 5.3.I	2 hrs.
Geometry		3.4.A, 3.4.B, 3.4.C	4.3.A	5.3.A, 5.3.B, 5.3.C, 5.3.G, 5.3.H	3 hrs.
Probability/ Statistics		3.5.E Construct/ read Line plots	4.4.G, 4.4.H	5.4.D, 5.5.B	1 hr.
Problem Solving	Think Tanks ▪ Computation ▪ Problem solving WASL prompt	3.1.E 3.2.F 3.2.H 3.3.D 3.4.E 3.6 A-J	4.1.I, 4.2.I, 4.3.F, 4.4.B, 4.5.A-J	5.1.F, 5.2.H, 5.3.I, 5.6.A-J	2 hrs.

March (18 hours)

		3 rd	4 th	5 th	Time
Daily Number Sense	Spiral practice covering these standards	3.1.A, 3.1.B, 3.1.D, 3.2.E, 3.2.F, 3.3.D, 3.4.E, 3.5.A, 3.5.C, 3.5.D, 3.6.A-J algebra rev.	4.1.A, 4.1.C, 4.1.D, 4.1.E, 4.1.G, 4.1.H, 4.1.I, 4.2.A, 4.2.B, 4.2.E, 4.2.H, 4.2.I, 4.3.F, 4.4.A, 4.4.B, 4.4.C, 4.4.D, 4.5.A-J algebra rev.	5.1.A, 5.1.D, 5.1.E, 5.1.F, 5.2.A, 5.2.B, 5.2.D, 5.2.G, 5.2.H, 5.3.I, 5.5.A, 5.6.A-J Algebra review	
Origo	Ch. 10	3.2.A	4.2.A	4.1.F, 5.2.F	6 hrs.
Algebra For All	Lessons 16-18, 30	3.2.C, 4.4.D	4.4.A, 4.1.I, 5.5.C	4.1.C, 5.4.A, 5.4.B, 5.4.C, 5.4.D	2 hrs.
Fractions		3.3.A, 3.3.B, 3.3.C, 3.3.D	4.2.I	5.2.A, 5.2.B, 5.2.C, 5.2.G, 5.2.E, 5.2.F, 5.2.H	1 hr.
Measurement		3.4.D, 3.4.E Review: 3.5.B, 3.5.C, 3.5.D	4.3.B-F	5.3.E, 5.3.I	1 hr.
Geometry		3.4.A, 3.4.B, 3.4.C	4.3.A	5.3.A, 5.3.B, 5.3.C, 5.3.G, 5.3.H	2 hrs.
Probability/ Statistics		3.5.E Analyze data/match to graphs	4.4.E, 4.4.G, 4.4.H	5.5.B, 5.5.C	2 hrs.
Problem Solving	Think Tanks ▪ Computation ▪ Problem solving WASL prompt	3.1.E, 3.2.F, 3.2.H, 3.3.D, 3.4.E, 3.6.A-J	4.1.I, 4.2.I, 4.3.F, 4.4.B, 4.5.A-J	5.1.F, 5.2.H, 5.3.I, 5.6.A-J	2 hrs.

April (20 hours)

		3 rd	4 th	5 th	Time
Daily Number Sense	Spiral practice covering these standards	3.1.A, 3.1.B, 3.1.D, 3.2.E, 3.2.F, 3.3.D, 3.4.E, 3.5.A, 3.5.C, 3.5.D, 3.6.A-J algebra rev.	4.1.A, 4.1.C, 4.1.D, 4.1.E, 4.1.G, 4.1.H, 4.1.I, 4.2.A, 4.2.B, 4.2.E, 4.2.H, 4.2.I, 4.3.F, 4.4.A, 4.4.B, 4.4.C, 4.4.D, 4.5.A-J algebra rev.	5.1.A, 5.1.D, 5.1.E, 5.1.F, 5.2.A, 5.2.B, 5.2.D, 5.2.G, 5.2.H, 5.3.I, 5.5.A, 5.6.A-J Algebra review	6 hrs.
Origo	Ch. 11	3.2.F, 3.2.G, 3.2.H	4.1.B, 5.1.C	4.2.F, 5.2.E	6 hrs.
Algebra For All	Lessons 19-20	3.1.E, 3.5.A	3.2.A, 5.2.H	4.1.C, 6.1.B	1 hr.
Fractions		3.3.A, 3.3.B, 3.3.C, 3.3.D	4.2.I	5.2.A, 5.2.B, 5.2.C, 5.2.G, 5.2.E, 5.2.F, 5.2.H	1 hr.
Measurement		3.4.D, 3.4.E	4.3.B-F	5.3.F, 5.3.I	2 hrs.
Geometry		3.4.A, 3.4.B, 3.4.C	4.3.A	5.3.A, 5.3.B, 5.3.C	1 hr.
Probability/ Statistics		3.5.E Review	4.4.G, 4.4.H	5.4.D, 5.5.B	1 hr.
Problem Solving	Think Tanks ▪ Computation ▪ Problem solving WASL prompt	3.1.E, 3.2.F, 3.2.H, 3.3.D, 3.4.E, 3.6.A-J	4.1.I, 4.2.I, 4.3.F, 4.4.B, 4.5.A-J	5.1.F, 5.2.H, 5.3.I, 5.6.A-J	2 hrs.

May/June (19 hours)

		3rd	4th	5th	Time
Daily Number Sense	Spiral practice covering these standards	3.1.A, 3.1.B, 3.1.D, 3.2.E, 3.2.F, 3.3.D, 3.4.E, 3.5.A, 3.5.C, 3.5.D, 3.6.A-J algebra rev.	4.1.A, 4.1.C, 4.1.D,4.1.E, 4.1.G,4.1.H, 4.1.I, 4.2.A,4.2.B, 4.2.E,4.2.H, 4.2.I, 4.3.F, 4.4.A,4.4.B, 4.4.C,4.4.D 4.5.A-J algebra rev.	5.1.A,5.1.D, 5.1.E, 5.1.F, 5.2.A, 5.2.B, 5.2.D,5.2.G, 5.2.H 5.3.I, 5.5.A, 5.6.A-J Algebra review	
Origo	Ch. 12 End of yr. assessments	3.2.A 3.2.C 3.2.H	5.1.C 5.1.F	5.1.B 5.1.C	8 hrs.
Algebra For All	Lessons 21-23	3.1.D 3.1.E 3.2.A 3.5.B	4.1.A 4.4.A	6.2.D	2 hrs.
Fractions		3.3.A 3.3.B 3.3.C 3.3.D	4.2.I	5.2.A,5.2.B 5.2.C,5.2.G 5.2.E,5.2.F 5.2.H	2 hrs.
Measurement		3.4.D 3.4.E 3.5.B 3.5.C 3.5.D	4.3.B-F	5.3.F 5.3.I	2 hrs.
Geometry		3.4.A 3.4.B 3.4.C	4.3.A	5.3.G 5.3.H	2 hrs.
Probability/ Statistics		3.5.E Assess	4.4.G 4.4.H	5.4.D 5.5.B	1 hr.
Problem Solving	Think Tanks <ul style="list-style-type: none"> ▪ Computation ▪ Problem solving 	3.1.E 3.2.F 3.2.H 3.3.D 3.4.E 3.6.A-J	4.1.I, 4.2.I, 4.3.F, 4.4.B, 4.5.A-J	5.1.F, 5.2.H, 5.3.I, 5.6.A-J	2 hrs.