CMP3 - Grade 6 - 2019-20 Pacing Guide

Days of Instruction	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
Problem Solving Culture	Week of Inspirational Math YouCubed																											
Prime Time *Factors & Multiples*	1.1	1.2	1.3	1.4	1.5	CU	2.1	2.2	2.3	PQ	3.1	3.2	3.3	3.4		CU	4.1	4.2		4.3	4.4	UT						
Comparing Bits & Pieces *Ratios, Rational Numbers & Equivalence*	1.1	1.2	1.3		1.4	1.5		PQ	2.1	2.2	2.3	CU	3.1		3.2	3.3	3.4		3.5	CU	4.1	4.2	4.3	UT				
Let's Be Rational *Understanding Fraction Operations*	1.1	1.2	1.3	1.4		CU	2.1	2.2	2.3	PQ	3.1	3.2	3.3	3.4	CU	4.1	4.2	4.3	UT									
Covering & Surrounding *Two-Dimensional Measurement*	1.1	1.2		1.3	CU	2.1		2.2	2.3	2.4	CU	3.1		3.2	3.3	3.4		PQ	4.1		4.2	4.3	UT					
Decimal Ops *Computing with Decimals and Percents*	1.1	1.2	1.3	CU	2.1		2.2	2.3	CU	3.1		3.2	3.3		3.4	3.5	PQ	4.1	4.2	4.3	4.4	UT						
Variables & Patterns *Focus on Algebra*	1.1		1.2	1.3	CU	2.1	2.2	2.3		2.4	PQ	3.1	3.2		3.3		3.4	CU	4.1	4.2	4.3		4.4	4.5	UT			
Data About Us *Statistics & Data Analysis*	1.1		1.2	1.3	CU	2.1		2.2		2.3	2.4	PQ	3.1		3.2		3.3		CU	4.1		4.2		4.3		UT		

Legend: Non-instructional day (gray) · Minimum day (cyan) · Benchmark (red) · **CU**- Check Up · **PQ**- Partner Quiz · **UT**- Unit Test

July
S	M	T	W	Th	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

August
S	M	T	W	Th	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

September
S	M	T	W	Th	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

October
S	M	T	W	Th	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

November
S	M	T	W	Th	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

December
S	M	T	W	Th	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

January
S	M	T	W	Th	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

February
S	M	T	W	Th	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29

March
S	M	T	W	Th	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				30

April
S	M	T	W	Th	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

May
S	M	T	W	Th	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

June
S	M	T	W	Th	F	S
31	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

Week of Math

- build classroom culture/team norms with activities

-can use "Team Building Exercises" in Public Folder or youcubed.org "week of imath"

CMP3: Grade 7 Core/Strategic Pacing Guide 2019-20

Days of Instruction	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
PROBLEM SOLVING CULTURE	*Week of Math*					Please look at calendar below as it allows more days for some units. Unit tests are delivered approx. 2 weeks before indicated.																						
SHAPES AND DESIGNS	1.1	1.2	1.3	1.4	1.5	CU	2.1	2.2	2.3	2.4	PQ	3.1	3.4	UT														
ACCENTUATE THE NEGATIVE	1.1	1.2	1.2	1.3	1.4	CU	2.1	2.2	2.3	2.4	PQ	3.1	3.2	3.3	3.4	CU	4.1	4.2	4.3	R	UT							
STRETCHING AND SHRINKING	1.1	1.1	1.2	CU	2.1	2.2	2.3	PQ	3.1	3.2	3.3	3.4	CU	4.1	4.2	4.3	4.4	R	UT									
COMPARING AND SCALING	1.1	1.2	1.3	1.4	CU	2.1	2.2	2.3	2.3	PQ	3.1	3.2	3.2	3.3	R	UT												
MOVING STRAIGHT AHEAD	1.1	1.2	1.3	1.3	1.4	CU	2.1	2.2	2.3	2.4	2.4	PQ	3.1	3.2	3.3	3.3	3.4	3.5	CU	4.1	4.1	4.2	4.3	4.3	4.4	R	UT	
FILLING AND WRAPPING	1.1	1.2	1.3	1.4	1.4	CU	2.1	2.1	2.2	2.3	PQ	3.1	3.2	3.3	3.4	CU	4.1	4.1	4.2	4.3	R	UT						
SAMPLES AND POPULATIONS	1.1	1.2	1.3	1.4	CU	2.1	2.2	2.3	2.4	PQ	3.1	3.2	3.3	3.4	R	UT												
WHAT DO YOU EXPECT	1.1	1.2	1.3	1.4	2.1	2.2	2.3	2.4	CU	4.1	4.2	4.2	4.3	4.4	R	UT												

July
S	M	T	W	Th	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

August
S	M	T	W	Th	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	
18	19	20	21	22	23	24
25	26	27	28	29	30	31

September
S	M	T	W	Th	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

October
S	M	T	W	Th	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

November
S	M	T	W	Th	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

December
S	M	T	W	Th	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

January
S	M	T	W	Th	F	S
		1	2	3	4	
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

February
S	M	T	W	Th	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29

March
S	M	T	W	Th	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

April
S	M	T	W	Th	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

May
S	M	T	W	Th	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

June
S	M	T	W	Th	F	S
31	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

Legend:
- Non-instructional day
- Minimum day
- Unit Test
- Supporting Clusters — Optional; not major standards
- CU- Check Up
- PQ- Partner Quiz
- UT- Unit Test

Week of Math
- build classroom culture/team norms with activities
- can use "Week of imath" in Public Folder or on youcubed.org (or any other team-building activities)

CMP3: Grade 7 Advanced Pacing Guide 2019-20

Days of Instruction	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
PROBLEM SOLVING CULTURE	WEEK OF MATH																											
ACCENTUATE THE NEGATIVE	1.1	1.2	1.3	1.4	CU	2.1	2.2	2.3	2.4	PQ	3.1	3.2	3.3	3.4	CU	4.1	4.2	4.3	R	UT								
STRETCHING AND SHRINKING	1.1	1.2	CU	2.1	2.2	2.3	PQ	3.1	3.2	3.3	3.4	CU	4.1	4.2	4.3	4.4	R	UT										
COMPARING AND SCALING	1.1	1.2	1.3	1.4	CU	2.1	2.2	2.3	PQ	3.1	3.2	3.3	R	UT														
MOVING STRAIGHT AHEAD	1.1	1.2	1.3	1.4	CU	2.1	2.3	2.4	2.4	PQ	3.2	3.3	3.4	3.5	CU	4.2	4.3	4.4	R	UT								
WHAT DO YOU EXPECT	1.1	1.2	1.3	1.4	2.1	2.2	2.3	2.4	CU	4.1	4.2	4.2	4.3	4.4	R	UT												
FILLING AND WRAPPING	1.1	1.2	1.3	1.4		CU	2.1		2.2	2.3	PQ	3.1	3.2	3.3	3.4	CU	4.1		4.2	4.3	R	UT						
SAMPLES AND POPULATIONS	1.1	1.2	2.1	2.2	2.3																							
THINKING WITH MATHEMATICAL MODELS	1.1	1.2	1.3	CU	2.1	2.2	2.3	2.4	2.5	PQ	3.1	3.2	3.3	3.4	4.1	4.2	4.3	4.4	CU	5.1	5.2	5.3	R	UT				
LOOKING FOR PYTHAGORAS	1.1	1.2	1.3	2.1	2.2		2.3	2.4		CU	*CU for LFP will be the BMK for this unit																	

Calendar

July
S	M	T	W	Th	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

August
S	M	T	W	Th	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

September
S	M	T	W	Th	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

October
S	M	T	W	Th	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

November
S	M	T	W	Th	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

December
S	M	T	W	Th	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	28	29	20	21
22	23	24	25	26	27	28
29	30	31				

January
S	M	T	W	Th	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

February
S	M	T	W	Th	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29

March
S	M	T	W	Th	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

April
S	M	T	W	Th	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

May
S	M	T	W	Th	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

June
S	M	T	W	Th	F	S
31	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

Legend

- **Non-instructional day** (grey)
- **Minimum day** (yellow)
- **Unit Test** (red)
- **Additional Time** (cream)
- CU- Check Up
- PQ- Partner Quiz
- UT- Unit Test

Week of Math
- build classroom culture/team norms with activities
- can use "Week of imath" in Public Folder or on youcubed.org (or any other team-building activities)

CMP3: Grade 8 Core/Strategic Pacing Guide 2019-20

Days of Instruction	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
PROBLEM SOLVING CULTURE			*Week of Math*					Please look at calendar below as it allows more day for some units. Unit tests are delivered approx. 2 weeks before date indicated.																				
THINKING WITH MATHTEMATICAL MODELS	1.1	1.2	1.3	CU	2.1	2.2	2.3		2.4	2.5	PQ	3.1	3.2		3.3	3.4	4.1		4.2	4.3	4.4	CU	5.1	5.2	5.3	R	UT	
LOOKING FOR PYTHAGORAS	1.1	1.2	1.3	2.1	2.2		2.3		2.4	CU	3.1		3.2	3.3	3.4		PQ	4.1	4.2	4.3	4.4		5.1	5.2		R	UT	
GROWING, GROWING, GROWING	1.1	1.2	1.3	2.1	2.2	2.3	CU	3.1	3.2	3.3	PQ	5.1		5.2		5.3	5.4	5.5		R	UT							
BUTTERFLIES, PINWHEELS AND WALLPAPER	1.1	1.2		1.3	1.4		CU	2.1	2.2	2.3		PQ	3.1	3.2	3.3	3.4	3.5	CU	4.1		4.2	4.3	4.4	R	UT			
SAY IT WITH SYMBOLS	1.1	1.2	1.3	1.4	CU	2.1	2.2	2.3	2.4	PQ	3.1	3.2	CU	4.1	4.2	4.3	4.4	R	UT									
IT'S IN THE SYSTEM	1.1	1.2	1.3		CU	2.1	2.2		2.3	CU	3.1	3.2	3.3		PQ	4.1	4.2		4.3	4.4		R	UT					

Calendar

July
S	M	T	W	Th	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

August
S	M	T	W	Th	F	S
30				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
19	18	19	20	21	22	23
24	25	26	27	28	29	30

September
S	M	T	W	Th	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					29

October
S	M	T	W	Th	F	S
30		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

November
S	M	T	W	Th	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

December
S	M	T	W	Th	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

January
S	M	T	W	Th	F	S
			1	2	3	
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

February
S	M	T	W	Th	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29

March
S	M	T	W	Th	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

April
S	M	T	W	Th	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

May
S	M	T	W	Th	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

June
S	M	T	W	Th	F	S
31	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

Legend

- **Non-instructional day**
- **Minimum day**
- **Unit Test**
- **Supporting Clusters** [Optional; not major standards]
- CU- Check Up
- PQ- Partner Quiz
- UT- Unit Test

Special Notes:

* Week of Math - activities in Public Folder or youcubed.org- Create classroom norms/group expectations

*LFP 5.1 OR use some other word problems involving Pythagorean Theorem

*SIWS can combine some lessons together for equivalence and distributive property-- ***can incorporate these skills at the beginning of the year

CMP3: Grade 8/Math 1 Advanced Pacing Guide 2019-20

Days of Instruction	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
PROBLEM SOLVING CULTURE	of Math*					Please look at calendar below as it allows more days for some units. Unit tests are delivered approx. 2 weeks before date indicated.																					
LOOKING FOR PYTHAGORAS	R	3.1		3.2	3.3	3.4		PQ	4.1	4.2	4.3	4.4		5.1		R	UT											
GROWING, GROWING, GROWING	1.1	1.2	1.3	2.1	2.2	2.3	CU	3.1	3.2	3.3	PQ	4.1	4.2	4.3	5.1		5.2		5.3	5.4	5.5		R	UT				
BUTTERFLIES, PINWHEELS, & WALLPAPER	1.1-1.4		CU	2.1	2.2	2.3		PQ	3.1	3.2	3.3	3.4	3.5	CU	4.1		4.2	4.3	4.4	R	UT							
SAY IT WITH SYMBOLS	1.1	1.2	1.3	1.4	CU	2.1	2.2	2.3	2.4	PQ	3.1	3.2	R	UT														
IT'S IN THE SYSTEM	1.1	1.2	1.3		CU	2.1	2.2		2.3	CU	3.1	3.2	3.3		PQ	4.1	4.2		4.3	4.4		R	UT					
MVP - MOD 5 Features of Functions	5.1		5.2		*	5.3		5.4		5.5	Q	5.6	5.7	5.8	5.9		R	UT										
MVP - MOD 6 Congruence, Construction, and Proof	6.1		6.2	6.3	6.4	6.5	6.6	6.7	Q	6.11		6.12	6.13	6.14	6.8	6.8	6.10	R	UT									
MVP - MOD 7 Connecting Algebra and Geometry	7.1	7.2	7.3	7.4	7.5	7.6	R	UT																				
Additional Lessons on Absolute Value																												

	July							August							September							October							November							December						
	S	M	T	W	Th	F	S	S	M	T	W	Th	F	S	S	M	T	W	Th	F	S	S	M	T	W	Th	F	S	S	M	T	W	Th	F	S	S	M	T	W	Th	F	S
		1	2	3	4	5	6					1	2	3	1	2	3	4	5	6	7			1	2	3	4	5						1	2	1	2	3	4	5	6	7
	7	8	9	10	11	12	13	4	5	6	7	8	9	10	8	9	10	11	12	13	14	6	7	8	9	10	11	12	3	4	5	6	7	8	9	8	9	10	11	12	13	14
	14	15	16	17	18	19	20	11	12	13	14	15	16	17	15	16	17	18	19	20	21	13	14	15	16	17	18	19	10	11	12	13	14	15	16	15	16	17	18	19	20	21
	21	22	23	24	25	26	27	18	19	20	21	22	23	24	22	23	24	25	26	27	28	20	21	22	23	24	25	26	17	18	19	20	21	22	23	22	23	24	25	26	27	28
	28	19	30	31				25	26	27	28	29	30	31	29	30						27	28	29	31				24	25	26	27	28	29	30	29	30	31				

	January							February							March							April							May							June						
	S	M	T	W	Th	F	S	S	M	T	W	Th	F	S	S	M	T	W	Th	F	S	S	M	T	W	Th	F	S	S	M	T	W	Th	F	S	S	M	T	W	Th	F	S
			1	2	3	4								1	1	2	3	4	5	6	7				1	2	3	4						1	2	31	1	2	3	4	5	6
	5	6	7	8	9	10	11	2	3	4	5	6	7	8	8	9	10	11	12	13	14	5	6	7	8	9	10	11	3	4	5	6	7	8	9	7	8	9	10	11	12	13
	12	13	14	15	16	17	18	9	10	11	12	13	14	15	15	16	17	18	19	20	21	12	13	14	15	16	17	18	10	11	12	13	14	15	16	14	15	16	17	18	19	20
	19	20	21	22	23	24	25	16	17	18	19	20	21	22	22	23	24	25	26	27	28	19	20	21	22	23	24	25	17	18	19	20	21	22	23	21	22	23	24	25	26	27
	26	27	28	29	30	31		23	24	25	26	27	28	20	29	30	31					26	27	28	29	30			24	25	26	27	28	29	30	28	29	30				

Non-instructional day	Minimum day	Unit Test	Additional Time	CU- Check Up	PQ- Partner Quiz	R- Review	UT- Unit Test

Week of Math

- build classroom culture/team norms with activities

-can use "Week of imath" in Public Folder or on youcubed.org (or any other team-building activities)

*Make sure to cover Explicit and Recursive equations (shows up in 5.2 "Ready, Set, Go" problems)

Additional Lessons on Absoulte Value (Lessons/Resources):

[- Desmos Polygraph on Functions (including absolute value)](#)

[- Desmos Polygraph on Absolute Value](#)

[- EngageNY lesson on Absolute Value](#)

[- MVP Lesson 4.3 on Absolute Value (assumes knowledge of piecewise functions)](#)