

**Grade 1 MAP²D Pacing
Traditional Schedule
2011 - 2012**

9/7 -9/9: Pre-Assessment

- Writing numerals in 100s chart
- Writing numerals by 10s
- Writing numerals by 5s
- Listen to students rote count individually

*Supporting lessons: Chapter 12 Number Patterns 12.2, 12.3, 12.4, 12.5 (if necessary)

9/19-9/30: IAATF Introduce +0, +1 and “doubles” (Supports lesson 5.4)

- **HSP 2.4 Add Zero pgs. 29A-30 (NS 2.5)**
- **HSP 2.5 Add In Any Order pgs. 31A-32 (NS 2.5)**

Content

**9/12 – 10/14 Chapter 1 Number Sense
Chapter 10 Place Value to 100
Chapter 11 Comparing and Ordering**

1.3 Compare Numbers to 20 pgs. 9A-10 (NS 1.2)

Teach vocabulary *greater than/less than*. *Introduce $<$, $>$ symbols along with vocabulary. Use manipulatives during direct instruction.
Use Practice/Homework as needed.

1.4 Order Numbers to 20 pgs. 11A-12 (NS 1.2)

Teach vocabulary *least/greatest* and relate it to Lesson 1.3 vocabulary of *less than/greater than*. Use manipulatives during direct instruction (unifix rods of 10, base 10 blocks). Try to compare numbers greater than 20.
Use Practice/Homework as needed.

10.1* Make 10 and More pgs. 211A-212 (NS 1.4)

10.2* Tens pgs. 213A-214 (NS 1.4)

10.3* Tens and Ones to 50 pgs. 215A-216 (NS 1.4)

10.4* Tens and Ones to 100 pgs. 217A-218 (NS 1.4)

Day 1: Teach vocabulary *digit/place value*
Use manipulatives during direct instruction.

Days 2-4: Review vocabulary & continue to provide practice with manipulatives as needed. Continue to apply vocabulary from Chapter 1. Utilize wkbk. pgs. & Practice/Homework as needed.

10.5 Ways to Expand Numbers pgs. 219A-220 (NS 1.4)

This lesson can be taught simultaneously with the lessons above.

11.1* Greater Than pgs. 231A-232 (NS 1.2)

11.2* Less Than pgs. 233A-234 (NS 1.2)

11.3* Use Symbols to Compare pgs. 235A-236 (NS 1.2)

11.4 One More, One Less pgs. 237A-238 (NS 2.3)

11.5 Ten More, Ten Less pgs. 239A-240 (NS 2.3)

11.6 Order on a Number Line pgs. 241A-242 (NS 2.3)

11.7 Order 3 Numbers pgs. 243A-244 (NS 1.2)

*LESSONS CAN BE COMBINED

*THESE LESSONS CAN BE USED WITH 1.3 & 1.4 OR AS A REVIEW

September 2011

<i>Mon</i>	<i>Tue</i>	<i>Wed</i>	<i>Thu</i>	<i>Fri</i>
This pacing does not reflect furlough days for 2011-12.				
			1	2
5	6 Teachers' First Day	7 Students First Day	8	9
12	13	14	15	16
19	20	21	22	23
26	27	28	29	30

IAATF

10/3 – 12/23: Trimester 1 of IAATF, Oral Memorization

25 minutes of IAATF practice daily
using pocket chart and number cards

➤ **HSP: Chapters 2, 5 and 6 (support basic facts)**

REMINDER: Optional SBA #3 NS Addition is available to administer during this trimester. Each school will need to agree as a grade level whether or not to administer this optional SBA. This SBA can be administered anytime during the trimester at each teacher's discretion.

Content

10/3-10/14: Continue to use Chapters 1, 10 & 11 as needed.

❖ **10/13-10/14: Administer SBA #1 NS: Number Sense**
Covering Chapters 1, 10, 11

10/17-11/14: Chapter 18 Solid and Plane Figures

*****Supplement Fractions**

- | | | | | |
|-------|-------------------------|------------------------|---|--------------------------|
| 18.1 | Solid Figures | pgs. 381A-382 (MG 2.2) | } | /*LESSON CAN BE COMBINED |
| 18.2* | Sort Solids | pgs. 383A-384 (MG 2.2) | | |
| 18.3* | Classify Solids | pgs. 385A-386 (MG 2.2) | | |
| 18.4 | Plane Figures on Solids | pgs. 387A-388 (MG 2.1) | | |
| 18.6 | Classify Plane Figures | pgs. 391A-392 (MG 2.2) | | |

*****Supplement Fractions Instruction (NS 4.0, Grade 2)**

Cover the following: equal parts, one half, one third, one fourth

Support materials for Fractions are available on the Math Intranet under Instructional Tools.

October 2011

<i>Mon</i>	<i>Tue</i>	<i>Wed</i>	<i>Thu</i>	<i>Fri</i>
3	4	5	6	7
10	11	12	13	14
17	18	19	20	21
24	25	26	27	28
31				

IAATF:

Continue with 25 minutes daily oral memorization practice

- **HSP: Chapters 2, 5 and 6** (support basic facts)

Week of 10/31-12/4:

- Supplemental worksheets available for facts practice on Math Intranet.
- Continue with facts practice.

Week of 11/7-11/23:

- Continue with facts practice.

Week of 11/28-12/2:

- Introduce working form 1 digit +1 digit (Support lesson: 2.7 pgs. 35 & 36)
- Continue with facts practice.

REMINDER: Optional SBA #3 NS Addition is available to administer during this trimester. Each school will need to agree as a grade level whether or not to administer this optional SBA. This SBA can be administered anytime during the trimester at each teacher's discretion. SBA #3 will cover facts taught during Trimester 1 given the three day schedule.

Content

10/31-11/14: Continue with Supplemental Fractions Instruction
Cover equal parts, one half, one third, one fourth

❖ **11/10-11/14: Administer SBA #2 MG/NS:**
Solid and Plane Figures & Fractions

Covering Chapter 18
Fractions Instruction NS 4.2

11/14-11/23: Review Trimester 1 Content
Administer Trimester 1 Practice and reteach accordingly

❖ **11/28-12/2: Administer Trimester 1 Exam**

November 2011

<i>Mon</i>	<i>Tue</i>	<i>Wed</i>	<i>Thu</i>	<i>Fri</i>
	1	2	3	4
7	8	9	10	11
14	15	16	17	18
21	22	23	24	25
28	29	30		

Trimester 2 Monday, 12/5/11

IAATF

Continue with 25 minutes daily oral memorization practice

- **HSP: Chapters 2, 5, 6, 13, & 23** (support IAATF addition)
- **13.4 Add 3 Numbers** pgs. 285-286 (NS 2.7)

Week of 11/28-12/2:

- Introduce working form 1 digit +1 digit (Support: 2.7 pgs. 35 & 36)

Week of 12/5:

- Introduce how to write 2 digits + 1 digit addition problems in working form without regrouping.

Week of 12/12:

- Continue to write 2 digits + 1 digit problems in working form. Introduce regrouping using IAATF strategies.

Week of 12/19:

- Review 2 digits + 1 digit in working form with and without regrouping.
- Continue oral memorization practice.

Content

**12/5-12/23: Chapter 21 Length
Chapter 22 Weight and Capacity**

21.2 Use Non-Standard Units pgs. 447A-448 (MG 1.1)

21.4 Make a Nonstandard Ruler pgs. 451A-452 (MG 1.1)

*This lesson can be used to introduce the concept of measuring with a ruler to the inch.

*“Think Math! Investigate the Chapter Concept: Inches” TE pg. 443F

Supplement with measuring activities using a ruler.

22.1 Use a Balance pgs. 463A-464 (MG 1.1)

Introduce the academic vocabulary of *lighter/heavier*.

22.2 Compare Weight pgs. 465A-466 (MG 1.1)

*This lesson can be used to introduce the concept of Capacity.

*“Think Math! Investigate the Chapter Concept: Capacity” TE pg. 461F

Introduce academic vocabulary words of *more/less, most/least*.

22.5 Compare Capacity pgs. 471A-472 (MG 1.1)

❖ **12/22-12/23: Administer SBA #4 MG: Length, Weight & Capacity
Covering Chapters 21 & 22**

December 2011

<i>Mon</i>	<i>Tue</i>	<i>Wed</i>	<i>Thu</i>	<i>Fri</i>
			1	2
5	6	7	8	9
12	13	14	15	16
19	20	21	22	23
26	27	28	29	30

IAATF

Continue with 25 minutes daily oral memorization practice and application

- HSP: Chapters 13 & 23, Chapters 2, 5 & 6 as needed
- Review 13.4 Add 3 Addends pgs. 285-286 (NS 2.7) as needed

Week of 1/9:

- Introduce 2 digit + 2 digit addition problems without regrouping, sums 99 or less.

Week of 1/16:

- Review/discuss 100's place and numbers greater than 99 & how to read numbers greater than 99.
- Introduce 2 digits + 2 digits addition problems with regrouping sums greater than 9 in the tens column.

Week of 1/22:

- Continue practice with 2 digits + 2 digits addition with and without regrouping.

Week of 1/30-2/3:

- Introduce 3 digits + 1 digit and 3 digits + 2 digits addition without regrouping.

Content

1/17 – 2/17: Chapter 16 Counting Coins

- 16.1 Pennies and Nickels pgs. 339A-340 (NS 1.5)
- 16.2 Pennies and Dimes pgs. 341A-342 (NS 1.5)
- 16.3 Count Collections pgs. 343A-344 (NS 1.5)
- 16.4 Quarters pgs. 345A-346 (NS 1.5)
- 16.5 Make Equal Amounts pgs. 347A-348 (NS 1.5)
- 16.6 Act It Out pgs. 349A-350 (NS 1.5)

January 2012

<i>Mon</i>	<i>Tue</i>	<i>Wed</i>	<i>Thu</i>	<i>Fri</i>
2	3	4	5	6
9	10	11	12	13
16	17	18	19	20
22	23	25	26	27
30	31			

IAATF

Continue with 25 minutes daily oral memorization practice and application

- Supplemental worksheets supporting multi-digit addition available on Math intranet under Instructional Tools, Trimester 2

Week of 1/30-2/3:

- Introduce 3 digits + 1 digit and 3 digits + 2 digits addition without regrouping.

Week of 2/6:

- Introduce 3 digits + 1 digit and 3 digits + 2 digits addition with regrouping.

Week of 2/13:

- Introduce 3 digits + 3 digits addition without regrouping.

Week of 2/20:

- Introduce 3 digits + 3 digits addition with regrouping.

Week of 2/27-3/2:

- Practice 3 digits + 3 digits addition with regrouping into tens and hundreds column.

Content

1/17 – 2/17 Chapter 16 Counting Coins

- 16.1 Pennies and Nickels pgs. 339A-340 (NS 1.5)
- 16.2 Pennies and Dimes pgs. 341A-342 (NS 1.5)
- 16.3 Count Collections pgs. 343A-344 (NS 1.5)
- 16.4 Quarters pgs. 345A-346 (NS 1.5)
- 16.5 Make Equal Amounts 347A-348 (NS 1.5)
- 16.6 Act It Out pgs. 349A-350 (NS 1.5)

❖ 2/16-2/17: Administer SBA #5 NS: Counting Coins
Covering Chapter 16

2/21 – 3/2 Chapter 17 Time

- 17.1 Time to the Hour pgs. 361A-362 (MG 1.2)
- 17.2 Time to the Half Hour pgs. 363A-364 (MG 1.2)
- 17.3 Time to the Hour and Half Hour pgs. 365A-366 (MG 1.2)
- 17.4 Problem Solving Workshop Skill: Use Data from a Table pgs. 367A-368 (MG 1.2)

February 2012

<i>Mon</i>	<i>Tue</i>	<i>Wed</i>	<i>Thu</i>	<i>Fri</i>
		1	2	3
6	7	8	9	10
13	14	15	16	17
20	21	22	23	24
27	28	29		

Trimester 3 Monday, 3/19/12

IAATF

- **Continue to periodically review multi-digit addition with regrouping throughout Trimester 3.**

Week of 2/29-3/2:

- Practice 3 digits + 3 digits addition with regrouping into tens and hundreds column.

Week of 3/5:

- Continue to practice all addition applications with and without regrouping.

3/12-5/25: Begin Subtraction Strategies

- **HSP: Chapters 3 & 7**
Chapters 4, 8 & 14
Chapter 15:

15.1 Fact Families to 20 pgs. 217A-218 (NS 2.1)

15.2 Missing Numbers pgs. 319A-320 (NS 2.2)

Week of 3/12:

- Introduce the 4 Golden Subtraction Rules (4GSR)

Week of 3/19:

- Introduce Fact Families for 2's
2,3,5/ 2,4,6/ 2,2,4

Week of 3/26:

- Continue to introduce Fact Families for 2's
2,5,7/ 2,6,8/ 2,7,9/ 2 8,10/ 2,9,11

Content

❖ **3/1-3/2: Administer SBA #6 MG: Time
Covering Chapter 17**

**3/5-3/9: Review Trimester 2 Content
Administer Trimester 2 Practice and reteach accordingly**

❖ **3/12-3/16: Administer Trimester 2 Exam**

March 2012

<i>Mon</i>	<i>Tue</i>	<i>Wed</i>	<i>Thu</i>	<i>Fri</i>
			1	2
5	6	7	8	9
12	13	14	15	16
19	20	21	22	23
26	27	28	29	30

IAATF - Subtraction Strategies

- **HSP: Chapters 3, 7, 14 (subtraction)**
- **HSP: Chapters 4, 8, 15 (fact families)**
- **Periodically review multi-digit addition with regrouping.**

Week of 4/2:

- Introduce Fact Families for 3's
3,4,7/ 3,5,8/ 3,6,9/ 3,7,10

Week of 4/16:

- Continue Fact Families for 3's
3,8,11/ 3,9,12/ 3,3,6
- Review Fact Families for 2's and 3's

Week of 4/23:

- Introduce Fact Families for 4's
4,5,9/ 4,6,10/ 4,7,11/ 4,8,12/ 4,9,13/ 4,4,8

Week of 4/9: Spring Break

Content

4/16-4/27: Chapter 9 Data and Graphs

- 9.3 Read Picture Graphs pgs. 187A-188 (SDAP 1.2)
 - 9.4 Make Picture Graphs pgs. 189A-190 (SDAP 1.2)
 - 9.5 Read Tally Charts pgs. 191A-192 (SDAP 1.2)
 - 9.6 Make Tally Charts pgs. 193A-194 (SDAP 1.2)
 - 9.7 Read Bar Graphs pgs. 195A-196 (SDAP 1.2)
 - 9.8 Make Bar Graphs pgs. 197A-198 (SDP 1.2)
 - 9.9* Make Graph pgs. 199A-204 (SDAP 1.1)
- *Supplement: Use worksheet from Problem Solving 9.9

❖ **4/26-4/27: Administer SBA #7 SDAP: Data & Graphs
Covering Chapter 9**

April 2012

<i>Mon</i>	<i>Tue</i>	<i>Wed</i>	<i>Thu</i>	<i>Fri</i>
2	3	4	5	6
9	10	11	12	13
16	17	18	19	20
23	24	25	26	27
30				

IAATF - Subtraction Strategies

- **HSP: Chapters 3, 7, 14 (subtraction)**
- **HSP: Chapters 4, 8, 15 (fact families)**
- **Periodically review multi-digit addition with regrouping.**

Week of 4/30-5/4:

- Introduce Fact Families for 5's
5,6,11/ 5,7,12/ 5,8,13/ 5,9,14/ 5,5,10

Week of 5/7:

- Introduce Fact Families for 6's & 7's
6,7,13/ 6,8,14/ 6,9,15/ 6,6,12/ 7,7,14

Week of 5/14:

- Introduce Fact Families for 7's, 8's, & 9's
7,8,15/ 7,9,16/ 8,9,17/ 8,8,16/ 9,9,18

Week of 5/21:

- Review all Fact Families
- Continue to review applications for addition

REMINDER: Optional SBA # 9 NS Subtraction is available to administer during this trimester. Each school will need to agree as a grade level whether or not to administer this optional SBA. This SBA can be administered anytime during the trimester at each teacher's discretion.

Content

Continue: 4/30-5/18 Problem Solving

- 2.8 Make a Model pgs. 37A-40 (NS 2.5, MR 2.2)
- 3.8 Make a Model pgs. 63A-64 (NS 2.5, MR 1.2)
- 7.5 Write a Number Sentence pgs. 143A-144 (AF 1.1, 1.2, MR 2.2)
- 13.6 Write a Number Sentence pgs. 289A-290 (AF 1.2, MR 2.2)
- 4.5 Choose the Operation pgs. 81A-82 (AF 1.3, 1.2, MR 2.2)
- 15.6 Create Addition & Subtraction Problems pgs. 327A-328 (AF 1.1, 1.3)
- 15.7 Choose the Operation pgs. 329A-330 (AF 1.1, 1.2, MR 1.1, 2.1, 2.2)
- 11.8 Use a Table pgs. 245A-246 (NS 1.2, MR 2.0-2.2)
- 14.5 Use Data From a Table pgs. 307A-308 (AF 1.1, 1.2)
- 19.4 Number Patterns pgs. 411A-412 (PS 2.1)

❖ 5/17-5/18: Administer SBA #8 NS/AF: Problem Solving

5/21-6/1: Review Trimester 3 Content

Administer Practice EOC and reteach accordingly

❖ 5/21-6/1: Administer End of Course Exam

May 2012

<i>Mon</i>	<i>Tue</i>	<i>Wed</i>	<i>Thu</i>	<i>Fri</i>
	1	2	3	4
7	8	9	10	11
14	15	16	17	18
21	22	23	24	25
28	29	30	31	

❖ 5/21-6/1: Administer End of Course Exam

6/6-To End of Year

Reteach accordingly:

Continue to practice subtraction facts

Continue to practice multi-digit addition with regrouping into 10s and 100s columns

June 2012

<i>Mon</i>	<i>Tue</i>	<i>Wed</i>	<i>Thu</i>	<i>Fri</i>
				1
4	5	6	7	8
11	12	13	14 Students' Last Day	15 Teachers' Last Day
18	19	20	21	22
25	26	27	28	29