

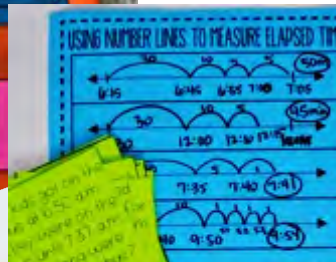
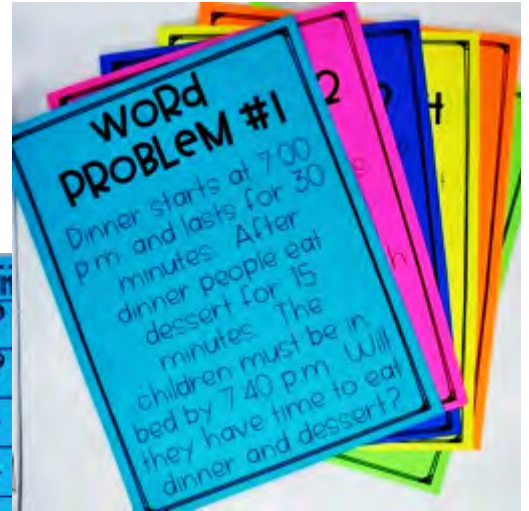
UNIT SEVEN

OVERVIEW

	FOCUS	STANDARD
WEEK 1	Time: Telling Time to the Nearest Minute, Intro to Elapsed Time	TEKS: 3.7C CCSS: 3.MD.A.1
WEEK 2	Time: Elapsed Time	TEKS: 3.7C CCSS: 3.MD.A.1
WEEK 3	Measuring Capacity	TEKS: 3.7DE CCSS: 3.MD.A.2
WEEK 4	Measuring Mass and Weight	TEKS: 3.7DE CCSS: 3.MD.A.2

MINILESSONS

-Ideas and materials on how to teach the concepts



What time will you be home if you leave at 7:30 and it takes 15 minutes to get home?



FUN ACTIVITIES

Easy to Print Activities, Games, and Fun Stuff that help students stay engaged during your math block



INTERACTIVE NOTEBOOKS

Activities that are easy to cut and glue into math spirals/interactive notebooks



I CAN STATEMENTS

I CAN:

**MEASURE
CAPACITY**



**MEASURE
MASS AND
WEIGHT**



**TELL TIME TO
THE NEAREST
MINUTE**

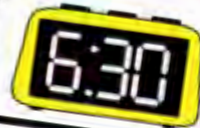
**READ
DIGITAL
CLOCKS**



**READ
ANALOG
CLOCKS**



**READ AND
WRITE
TIMES**









**MEASURE
ELAPSED
TIME**

HOW MUCH TIME HAS
PASSED?



VOCABULARY CARDS

CAPACITY how much a container can hold	GALLON 	MAS	BEAKER 
CUP	VOLUME The amount of space an object occupies	WEIGHT The measurement of the gravity on an object	DROPPER 
PINT	LITER - 1,000 milliliters	OUNCE A standard slice of bread weighs about one ounce	TON - 2,000 pounds = one ton - polar bears weigh about one ton 
QUART - 3/4 - Half a gallon	MILLIGRAM 1,000 milligrams = 1 gram	POUND A can of beans weighs one pound	MILLIGRAM - 1,000 milligrams = 1 gram - about the weight of a US dollar bill 
		GRAM A paperclip weighs about one gram	SCALE 


ANALOG CLOCK	AM before	HALF PAST 30 minutes past any hour	SECOND About how long it takes to click a pen once 
DIGITAL CLOCK 	PM after	HALF HOUR 15 minutes past the hour	QUARTER PAST 15 minutes past the hour 
HOUR HAND 	NOON  12:00 in the day	HOUR There are 60 minutes in every hour.	QUARTER TO 15 minutes before the hour 
MINUTE HAND 	MIDNIGHT  12:00 at night	MINUTE There are 60 seconds in every minute.	ELAPSED TIME The amount of time that passes between one time and another  What time will it be in 20 minutes?

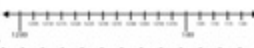
QUICK ASSESSMENTS

t i m e


Name: _____


- Scotty left for work at 11:05 a.m. He drove for 25 minutes. What time did he get to work?
 - 11:45 a.m.
 - 11:30 p.m.
 - 11:30 a.m.
- Veronica starts a movie at 8:00 p.m. The movie was 45 minutes long. What time did the movie end?
 - 8:45 p.m.
 - 8:50 p.m.
- Xavier goes to school at 7:35 a.m. each morning. Draw the time that Xavier goes to school.



- Chen starts the race at 12:05 p.m. He runs for 35 minutes. Use the number line to show what time Chen finishes the race.

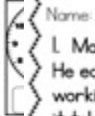


5. Draw the hands on the clock for each time shown.












6. Write the times shown for












eLAPSEd time

Name: _____

- Martin goes to work at 8:35 a.m. He eats breakfast and begins working at 9:00 a.m. How long did it take Martin to eat breakfast?


- Use the number line to show the elapsed time.
START TIME: 4:10 TIME: 5:15



- Start Time: 4:35 p.m.
Elapsed Time: 50 minutes
End Time: _____



- Venny and Pat both start working on their cars at 6:05 p.m. Venny works for 35 minutes. Pat works for 20 minutes. At what time do they each finish working?


Measuring Capacity


Name: _____


- Circle which unit you would use to measure each volume.
 - gallons or quarts



 - pints or quarts


 - milliliters or liters



 - milliliters or liters


 - pints or gallons



- Vanessa is buying milk for her class. She has 32 students in her class. If Vanessa wants to give each student one cup, and she purchases two gallons of milk, will she have enough? Explain your thinking.
- More or Less. Circle the answer for each question.



MORE THAN 2 CUPS
LESS THAN TWO CUPS



MORE THAN 3 LITERS
LESS THAN 3 LITERS
- Estimate the volume:



WEEK ONE

I SPY TIME

TIME:
12:54
11:13
3:46
4:25
9:45
8:07
7:00
12:55

time to WRAP it up!

TRUE

time to WRAP it up!

FALSE

TELLING TIME TO THE NEAREST MINUTE

Look at the minute hand. Count by fives to get to the nearest five minutes. Then go past the hour.

1:00

1:50

4:34	8:58
8:35	11:18
4:21	6:32
10:19	1:07
12:44	

I SPY TIME

START, SPIN, AND END!

START	SPIN	END
7:00	Spin	7:30
8:00	Spin	8:15
9:00	Spin	9:45
10:00	Spin	10:30
11:00	Spin	11:15
12:00	Spin	12:30

What Time is it?

ROW	HOUR	MINUTE	DIGITAL	ANALOG
A	3	21	3:21	
B	2	17	2:17	
C	12	55	12:55	
D	8	46	8:46	
E	7	30	7:30	

time PASSES by

START	END	ELAPSED
1:15	4:00	2:45
1:55	3:00	1:05
3:00	7:15	4:15
4:15	8:55	4:40
11:40	10:20	1:20
3:00	6:00	3:00
12:10	11:20	50 min
6:25	8:10	1:45
7:25	5:55	1:30
6:50	9:05	2:15

USING NUMBER LINES TO MEASURE ELAPSED TIME

6:35 to 7:05 = 30 min

6:45 to 7:05 = 20 min

6:55 to 7:05 = 10 min

7:35 to 7:40 = 5 min

7:40 to 7:41 = 1 min

7:40 to 7:57 = 17 min

7:57 to 8:14 = 17 min

8:14 to 8:57 = 43 min

6:50 to 7:00 = 10 min

7:30 to 7:56 = 26 min

7:56 to 7:57 = 1 min

7:30 to 5:00 = 1:30

5:00 to 5:10 = 10 min

5:10 to 5:15 = 5 min

elapsed time

Start at 5:00, Move forward 15 min → 5:15

Start at 3:30, Move forward 45 min → 4:15

Start at 3:30, Move forward 15 min → 3:45

Start at 3:30, Move forward 50 min → 4:20

Sort the

I'M in the 5 O'CLOCK HOUR!

6:08

6:17

6:59

6:37

6:31

what time is it?

3 pm

ELAPSED TIME WITH A NUMBER LINE

Noah went to basketball practice. It started at 1:05 pm and ended at 1:40 pm. How long did the practice last?

1:00 1:05 1:10 1:15 1:20 1:25 1:30 1:35 1:40 1:45

1:05 to 1:40 = 35 minutes

START TIME	ELAPSED TIME	END TIME
1:05 PM	35 MINUTES	1:40 PM

WEEK TWO

Movie

title: A Girl's Promise
 start time: ?
 length of movie: 65 MINUTES
 end time: 8:15 P.M.

I have... I have... Who has...
 what time it will be in 15 minutes?

TASK: 1:21 and 3:30
 6:44 and 10:00

ADDED TIME

TASK: 1:21 and 3:30
 6:44 and 10:00

TASK: 1:21 and 3:30
 6:44 and 10:00

SUBTRACT

TASK: 1:21 and 3:30
 6:44 and 10:00

Math Lesson 10 min
 Writing Time 10 min
 TV time 10 min
 Start Time 7:00

a VERY gummy time travel

GUMMY TIME TRAVEL

DEPART:	TRAVEL TIME:	ARRIVE:
FLIGHT 8:10 A.M.	45 MIN	?

ELAPSED TIME WITH SUBTRACTION

6	4	9
-	6	0
		5
		4
		4

12 1 2 3 4 5 6 7 8 9 10 11

60 + 60 = 120
 120 + 15 = 135 min.

1:35 1:40 1:50 2:00

2:10 2:20 2:30 2:40 2:50 3:00

3:10 3:20 3:30 3:40 3:50 4:00

4:10 4:20 4:30 4:40 4:50 5:00

5:10 5:20 5:30 5:40 5:50 6:00

SUBTRACT TO FIND THE ELAPSED TIME

Card A

start time and end time

1) 8:55 - 8:14 = 41

2) 3:58 - 3:23 = 35

3) 2:57 - 2:11 = 46

4) 8:49 - 8:09 = 40

WORD PROBLEM #1

1) The party starts at 7:00 and ends at 8:30. How long is the party?

2) The movie starts at 6:00 and ends at 7:30. How long is the movie?

a VERY gummy time

6:40 6:50 7:00 7:10 7:15 7:20 7:30 7:40 7:50 8:00 8:10 8:20 8:30 8:40 8:50 9:00 9:10 9:15 9:20 9:30 9:40 9:50 10:00 10:05 10:10 10:15 10:20 10:25 10:30 10:40 10:50 11:00 11:10 11:15 11:20 11:25 11:30 11:40 11:50

Movie

it's a party!

ACTIVITY	START	LENGTH	END
Circle	7:00	10 min	8:10
Color	8:30	15 min	8:45
Write	9:00	10 min	10:00
Read	10:30	12 min	11:42
Draw	12:00	15 min	1:15
Clean-up	3:00	30 min	3:30

The party will be 45 minutes long. Our longest activity will be 15 minutes. How long is the party?

WEEK 3

...to help ...
...plant. Did he most likely ...
...sugar? Explain your thinking.

The LEMONADE game

1 gallon



CUP CUP PINT QUART

GALLON

CUP CUP CUP

What amount? Think

BINGO

100	1000	10000	100000
1000	10000	100000	1000000
10000	100000	1000000	10000000
100000	1000000	10000000	100000000

liquid in a shower

CUP PINT QUART GALLON

CAPACITY

Capacity

I can measure Capacity

MORE?

CUP PINT QUART GALLON

CAPACITY

The amount of liquid that a container can hold

milk

MISS GALLON

one gallon

one quart

one pint

WEEK 4

