

Because of popular demand, we are starting a second, accelerated session of CWE Math Masters for students who are currently on the CWE Math Masters waiting list. CWE Math Masters is a parent-run, after school, contest math club. We need parent volunteers. If you are interested in enrolling your fifth grade student in CWE Math Masters, complete the form at the bottom of this flyer and return it to school by **Wednesday, November 18**. We need to know if your son or daughter is interested in CWE Math Masters and if you can volunteer to be a parent leader. There will be approximately a 1:4 ratio between parent leaders and students. The children of the parent leaders will automatically be admitted into the program. If there are enough parent leaders, then all other interested students will be admitted into the program. If there are not enough parent leaders to accommodate all interested students, some students will be selected randomly. Because we take pictures of the math masters following the math competitions and those pictures are published in local media, such as *Fort Bend Independent* and *Sugar Land Magazine*, we must also have your permission for your child's picture to be taken and his/her name and picture to be included in local publications.

NOTES: (1) CWE Math Masters competes in TMSCA elementary contests which include calculator contests. It is recommended that math masters have HP33S calculators, which can be order with free shipping from Amazon.com or purchased locally (e.g., Fry's Electronics). Calculator instruction is limited to the HP33S.
(2) Parents must cover the cost of this after school contest math program. To cover the costs of events that take place at CWE (e.g., pizza and other snacks, contests, materials, and an awards ceremony) and a t-shirt for your CWE Math Master to wear to local contests, each member's parent will need to make a check in the amount of \$85.00 payable to **CWE Math Masters**. Please do not send your check to the school until it is requested.

Yes, I would like my child, _____, to join CWE Math Masters. I can/ cannot be a parent leader at the monthly meetings. **(Please circle one.)**

I do/ do not give permission for my child's picture to be taken and his/her name and picture to be included in publications, such as the FBISD district newsletter, CWE newsletter, and other local media. **(Please circle one.)**

Child's homeroom teacher: _____

Parent's Signature

Parent's e-Mail Address

** NOTE: Most communications will be made via e-Mail, so it is important that you provide an e-Mail address and that it be printed legibly.

CWE Math Masters Accelerated Program Plan

Date	Goals	Homework
November 23, 2009	<ul style="list-style-type: none"> ➤ Ice Breaker & Program Overview ➤ Clever Mental Math Rules (Pages 2 & 3) ➤ Significant Digits Lesson ➤ Introduction to Math League Contests 	<ul style="list-style-type: none"> ➤ Complete Mental Math Drills 1 - 3 ➤ Complete Math League Contests ➤ Review Significant Digits ➤ Begin Working on Chapter 1
December 1, 2009	<ul style="list-style-type: none"> ➤ Clever Mental Math Rules (Page 4) ➤ Partner Pages ➤ Prime Numbers Lesson (includes activity) ➤ Scientific Notation Lesson ➤ Check HP33S Calculators ➤ Open Forum for Math League Contests 	<ul style="list-style-type: none"> ➤ Complete Mental Math Drills 4 - 6 ➤ Complete Math League Contests ➤ Review Scientific Notation ➤ Continue Working Chapter 1 ➤ Keystroke Pages 19 - 23 ➤ Keystroke Pages 26 - 28
December 8, 2009	<ul style="list-style-type: none"> ➤ Number Sense Rules ➤ Benchmark Test ➤ Clever Mental Math Rules (Page 5) ➤ Partner Pages ➤ Divisibility Lesson ➤ Review Prime Numbers (use Pascal's \triangle) ➤ Calculator Lesson ➤ Circles Lesson ➤ Open Forum for Math League Contests 	<ul style="list-style-type: none"> ➤ Complete Mental Math Drills 7 - 9 ➤ Complete Math League Contests ➤ Review Circles Lesson ➤ Keystroke Pages 32 - 35 ➤ Complete Chapter 1 ➤ AMC 8 Problems for Chapter 1

CWE Math Masters Accelerated Program Plan

Date	Goals	Homework
December 15, 2009	<ul style="list-style-type: none">➤ Clever Mental Math Rules (Page 6)➤ Partner Pages➤ Extraneous Zeroes Lesson➤ Review Number Sense Rules➤ Timed Number Sense Contest➤ Number Sequences Lesson (includes activity)➤ Triangles Lesson➤ Timed Calculator Contest➤ Open Forum for Math League Contests	<ul style="list-style-type: none">➤ Complete Mental Math Drills 10 - 12➤ Complete Math League Contests➤ Number Sense Test➤ Review Triangles Lesson➤ Calculator Test➤ Complete Chapter 3➤ AMC 8 Problems for Chapter 3

- ❖ All meetings on the accelerated plan are scheduled from 3:00 - 5:30 P.M.
- ❖ During the holiday break, CWE Math Masters need to complete Chapter 3 in the text and complete the AMC 8 problems for Chapter 3 (Number Sequences).
- ❖ This concludes the accelerated program. Beginning in January, all CWE Math Masters will be on the same program plan.



Month	Focus	Materials	Homework
January	Number Sense	Clever Mental Math Rules	Review Rules
		Page 7	Complete Drills #s 13 - 15
	Math League	Benchmark Test	Number Sense Test
		Review Take Home Contests	Math League Contests
Calculator	Timed Contest - Grade 6	Review Test	
	Keystroke Pages 29 - 30	Calculator Test	
February	Math League	OFFICIAL 6TH GRADE CONTEST	
		Review Contests	Math League Contest
	Number Sense	Clever Mental Math Rules	Review Rules
		Page 8	Complete Drills #s 16 - 18
		Timed Contest	Review Test
	Primary	Text - Roman Numerals	Text Chapter 4
	Calculator	Keystroke Pages 43 - 47	Calculator Test
Timed Contest		Review Test	
Mathematics	Mathematics Rules		
	Timed Contest	Review Test	
Science	Timed Contest	Review Test	
March	Number Sense	Clever Mental Math Rules	Number Sense Test
		Page 9	Complete Drills #s 19 - 21
		Timed Contest	Review Test
	Calculator	Timed Contest	Calculator Test
	Math League	Review Take Home Contest	Review 5 th Grade Contests
Timed Contest - Grade 5			
April	Math League	OFFICIAL 5TH GRADE CONTEST	Review Contests
	Number Sense	MENTAL MATH MARATHON	
	Primary	Text - Combinations	AMC 8 Problems
May	Math League	CWE MATH BOWL	Over the summer break ...
	Celebration	Awards Assembly	Text Chapter 2 - Fractions/
		Cake, Fruit, Pizza, & Drinks	Decimals/Percents/
Administrative	Survey	Ratios/Proportions	



Plan on an extra Monday meeting for timed calculator, math, and science contests.



If you are taking the contest mathematics elective in middle school, you should also memorize the perfect squares from $1^2 - 40^2$ and the perfect cubes from $1^3 - 20^3$.