

Texas Math & Science Coaches Association

Vol. 31, No. 2

TMSCA Newspaper

Winter 2023

MS Calculator Change: CLEARING NOT REQUIRED

Coaches of the UIL Calculator Applications contest are facing a dilemma when it comes to choosing calculators for their new students. There is a shortage of the HP RPN calculators, and the ones available for purchase are cost prohibitive.

In the December Executive Board meeting, the Board decided the best way to address this calculator shortage was to make a change in the <u>TMSCA</u> calculator policy. Multiple coaches had shared with the Board a way to make the TI graphing calculators more competitive when it comes to the "punch" problems. There are multiple programs "out there" that are patch programs that convert the TI's from algebraic entry to RPN entry. However, if a student had this program downloaded on their TI, it would be erased when the student cleared the calculator.

After careful consideration, the Board decided that to make this type

of program accessible to MS students, TMSCA would no longer require MS students to clear their calculators at TMSCA sanctioned events. Please note: This is a TMSCA policy change only. UIL still requires MS students to clear their calculators prior to the start of the A+ Calculator Applications Contest (grades 6-8). Calculator types are limited to the same calculators described

in the UIL High School Calculator Applications Handbook.

At invitational meets held starting in January, the TMSCA cover sheet read: "<u>Calculators are no longer required to</u> <u>be cleared.</u>" Many invitational meet directors chose to go ahead and ask

that students clear their calculators in preparation for this requirement for UIL. That was their choice at an invitational meet. Beginning with the middle school qualifying meets on 2/18/23, 2/25/23 and 3/4/23 (all TMSCA-sanctioned meets), students MUST NOT be required to clear their calcu-.ators. Students will not be required to clear calculators at the MS State meet on 4/1/23. We will remind every qualifying meet director of this change prior to their meet.

The Board hopes that this change will be a cost-effective way to make sure that the calculator contest remains an equitable, competitive event.

MS State Meet Qualifying Scores

	5A - 6A					
	6th	7th	8th	6th	7th	8th
Number Sense	50	60	70	60	75	90
Calculator	125	150	170	140	165	190
Math	60	80	100	80	105	130
Science	55	70	85	75	100	120

TMSCA CHANGES FOR 2023 STATE MEETS

State Meet Headquarters location (for registration/packet pick-up): Marriot Airport 77 NE Loop 410 San Antonio, TX 78216

State Meet charges:

Due to increased prices for trophies, catered meals, printing, etc., the following prices will be in effect for the 2023 TMSCA state meets:

- HS State Meet entry fee: \$9.00
- MS Entry Fee: \$8.00
- State meet meal (BBQ or vegetarian): \$11.00
- State Commemorative T-Shirt: \$20.00
- (+\$5,00 for 2XL- 4XL)

2022-2023 TMSCA Executive Board

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TMSCA to offer **High School State Meet patches**

In response to suggestions by our TMSCA high school coaches, TMSCA will offer commemorative patches at the high school state meet.

The circular patches were designed to be compatible with UIL patches and conducive to being affixed to student letter jackets. They are 3.5" in diameter.

Patches will be available for purchase at the TMSCA T-shirt booth at registration/packet pick-up and at the UTSA campus on meet day at the TMSCA T-shirt booth. Cost is \$10 per patch.

TMSCA loses 2 long-time members

Our TMSCA family has lost two long-time, dedicated coaches over the past month.

Jay Atman

Jay was a long-time AP Physics teacher and TMSCA coach at Martin High School in Arlington. He had been an integral part of our HS Science test writing team and his contributions to TMSCA and his dedication to both

TMSCA and his students will be long remembered.

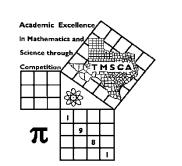
Joe Hay

Joe was the founder of the highly successful Flour Bluff Junior High Math/Science team. He was a perennial volunteer at the MS state meet. His contributions to TMSCA and his dedication to the students of TMSCA will not be forgotten.





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2023 TMSCA HS STATE MEET

TENTATIVE TIME SCHEDULE

Registration/Business Meeting – 3/17/23

NEW LOCATION:

Marriot Airport, 77 NE Loop 410, 78216

Registration/Packet Pickup - 3/17/23:

Business Meeting - 3/17/23:

9:00 am – 6:00 pm <u>Marriott Airport</u> 77 NE Loop 410 6:30 pm <u>Marriott Airport</u> (meeting room to be announced)

Meet Schedule – 3/18/23 University of Texas at San Antonio

Final Registration:

Coaches' Meeting:

Proctors' Meeting:

Testing Schedule:

7:00 am – 8:00 am **McKinney Humanities Building** 8:00 am Room to be announced 8:20 am Room to be announced Number Sense 9:00 am – 9:10 am Break Calculator 9:30am – 10:00 am Break Math 10:30 am – 11:10 am Break Science 11:30 am – 1:30 pm Lunch 11:30 am – 2:00 pm Sombrilla Area

Awards Ceremonies:

Scheduled as classifications finish grading.

Please make every attempt to patronize our lunch service. It is a barbeque or vegetarian lunch (baked potato/salad) served by the world famous Bill Miller's Barbeque. All profits from this endeavor go towards the TMSCA Senior Scholarships given at the TMSCA High School State Meet. We need your support in order to sustain this tradition of excellence.

U	School Practice Room Request SCA State Meet on MARCH 18, 2023
School:	Classificaation:
Contact Person:	
Cell #:	Email:
# of Student Seats:	x \$2.00 =
Free Adult Seats: 2	
# of additional adults seats:	x \$3.00 =
Total seats (Paid and free):	Amount Due:
Payment Methods for Pr • School Check • School PO • Personal Checks • Cash • Money Order • Cashier's Check • PAYMENT FOR PRACTIC • BEING MADE FOR THE S Be sure to email this for	E ROOMS SHOULD BE SEPARATE FROM ANY OTHER PAYMENTS STATE MEET. CHECKS SHOULD BE MADE OUT TO <u>TMSCA</u> . Im to Joan Naylor
room. The subject line o Normally we can acc an email after registr IF YOU HAVE ANY Q	bordinator) at <u>inay@aol.com</u> to reserve your practice of your email should read "HS practice room request." commodate all High School requests. You will receive ration closes concerning the status of your request. UESTIONS CONTACT JOAN NAYLOR AT all/Text 940-391-9746.

TMSCA Executive Board meets in December

The TMSCA Executive Board met in December. The following items were on the agenda.

High School Director Report

Tim reported that the State Meet was a great tournament with no major problems. Sixty-one schools competed last year, and we are hoping to have 90 schools this year. Tim is also hopeful that UTSA renovations will be completed by this year's state meet.

Middle School Director Report

Sammy reported that the troubleshooting on Friday night before the state meet was hectic, but everything else went smoothly.

Treasurer Report

Sheri gave the treasurer's report, and finances look fine at this point.

UIL Liaison Report

Cliff is hopeful for a good High School Science change due to allowing any calculator on the test. The data will be helpful to compare. SAC was well attended this year. TMSCA was well represented and praised by presenters and attendees. The North Texas area doesn't seem to be hosting as many meets and may be a cause for concern.

Executive Director Report

Julie reported:

• The Kick-Off Meet as well as the Elementary Fall Online Meet participation numbers were up from last year, and Gear Up numbers are looking good so far. We have more than 200 TMSCA memberships at this point as well.

• At SAC, Larry White, Cliff and Dr. Bourell gave great plugs for TMSCA.

• Julie recommended we consider bringing the Board of Regents back to life to improve high school participation and help to promote TMSCA.

• Dallas ISD memberships are steadily growing. The in-service training provided by TMSCA this year received great reviews by the 103 schools that were represented. The DISD in-district meets were well attended and highly successful. Troubleshooting on the Chatsworth grading should be complete by the MS state meet.

• The new hotel for the State Meets this year has possibly already filled the block we reserved for middle school. All services for State registration should be in one large room – and there are no guest rooms on that floor. Set-up should be much better this year.

• Monarch Trophy gave their new quote with a price increase of about 20%.

• Bill Miller BBQ hasn't given an exact price yet – but there will be an approximate price increase of 12%. We need increase our price to \$11.

State Meets Coordinator Report

Joan reported that the status of our joint application for the State Meets at UTSA is still pending. An extra room will be added this year so each division can have separate award ceremonies. Grading room directors are finalized for Middle School State Meet and High School is almost complete (4A and 6A are still needed). We hope we can get some retired teachers in the San Antonio area to help with proctoring. The third floor needs to be cleared during testing. Joan requested approval to hire someone at UTSA, possibly a student, to get an accurate seat count ahead of time.

Discussion Items:

1) IRS report – Board reviewed it prior to submission.

2) Audit report – Board review it; no errors reported.

3) Test writers – We are looking for several new test writers. Recommendations were given for possible writers.

5) Home Schools – Board concerns: no pass/no play, age verification, gradelevel requirements/verification. Tabled until the March meeting.

Action Item: Qualifying Scores for Middle School Championship Meet

After discussion the qualifying scores

for the 2023 MS State Meet were set:

1A - 4A									
	6th	7th	8th						
NS	50	60	70						
CAL	125	150	170						
MTH	60	80	100						
SCI	55	70	85						

5/	4 - 6A		
	6th	7th	8th
NS	60	75	90
CAL	140	165	190
MTH	80	105	130
SCI	75	100	120

Action Item: Sites have already been set. No action required. Each site must have a minimum of 5 schools and 75 students participating.

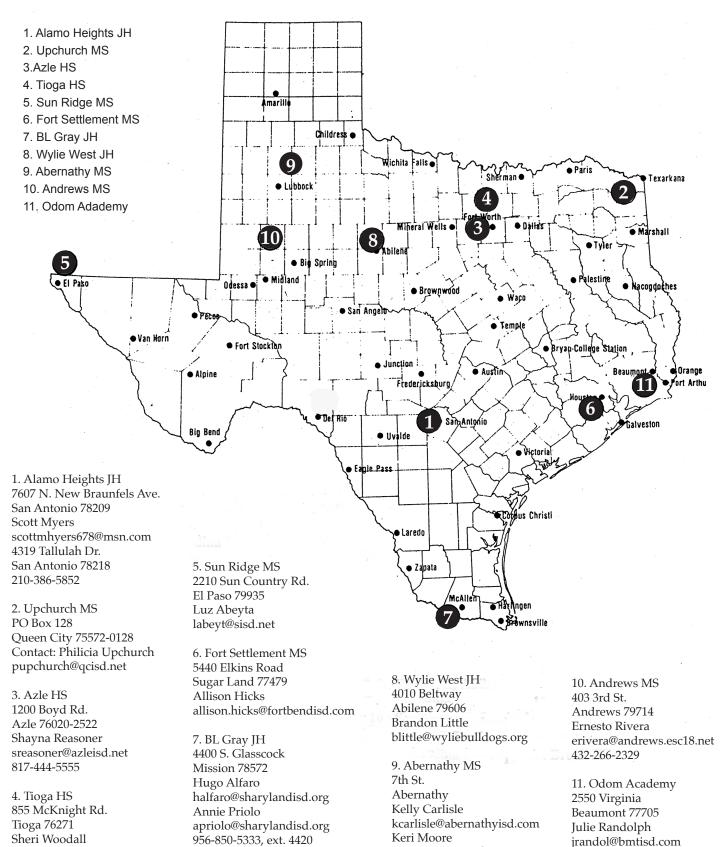
Action Item: State T-shirt design chosen, and California T's was approved as the vendor for the chosen 2023 State T-shirts.

Action Item: Calculators allowed, and procedures for clearing calculators on MS Calculator Test. Due to RPN Calculators no longer being produced and the calculators which are allowed having built-in programs that cannot be cleared, TMSCA will no longer require clearing of calculators at the middle school level for all TMSCA sanctioned meets effective Jan. 1.

Action Item: UIL-type letter jacket patches for TMSCA State HS Meet – The Board approved a design and

- The Board approved a design and vendor for 200 patches to be sold only at the State Meet for \$10.

2023 Regional Meet Sites



kmoore@abernathyisd.com

409-835-7366

sheri.woodall@tiogaisd.net

940-202-2536 Fax: 940-202-2587



A synopsis of TMSCA's 4 contests

Number Sense

Number Sense involves a 10-minute, 80-question mental math test covering all high school mathematics courses. Shortcuts need to be developed and practiced in order to compete and finish the test.

Science

This contest challenges students to do a wide range of reading in biology, chemistry and physics, to gain an understanding of the significance of experiments rather than to recall details, to be alert to new discoveries and information in the areas of science, to gain an understanding of the basic principles as well as knowledge of the history and philosophy of science, and to foster a sense of enthusiasm about how science affects our lives.

Calculator Applications

This contest includes calculations involving addition, subtraction, multiplication, division, roots, powers, exponential, logarithms, trigonometric functions and inverse trigonometric functions. In addition to straightforward calculation problems, the contest includes geometric and stated problems similar to those found in algebra, geometry and trigonometry textbooks, previous contests and League materials related to the contest.

Mathematics

This contest is designed to test knowledge and understanding in the areas of algebra I and algebra II, geometry, trigonometry, math analysis, analytic geometry, pre-calculus and elementary calculus.

2022-2023 TMSCA CALENDAR

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5 Labor Day 9/10 SAC - Tyler Jr College 19 Kick-Off Reg, Begins	S M T W Th F S A 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	MARCH '23 S M T W Th F S 0 0 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 1	 4 MS Reg/HS13 (UIL D) 6 TMSCA District Warm-Up 10 Tune-Up Reg Ends 11 Tune-Up Testing Begins 18 TMSCA HS State 20-25 HS UIL District 29 Tune-Up Testing ends
 SAC - TX Tech/Lubbock Kick-Off Reg, Ends Kick-Off Testing begins 16-17 UIL Leg, Council Kick-Off Testing ends MS 1/HS1 MS2/HS2 SAC - UT Austin 	N T W Th F S M T W Th F S V V Th II I 2 3 4 5 6 7 B 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 V V V V V	APRIL '23 S M T W Th F S u u u u 1 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 u <thu> u u <thu< th="" tht<=""><th> 01 EL OL State Reg. begins 01 TMSCA MS State (NEW DATE) 07 Good Friday 09 Easter Sunday 17 EL OL State Reg.ends 18 EL OL State Testing begins 21-22 HS UIL Regionals </th></thu<></thu>	 01 EL OL State Reg. begins 01 TMSCA MS State (NEW DATE) 07 Good Friday 09 Easter Sunday 17 EL OL State Reg.ends 18 EL OL State Testing begins 21-22 HS UIL Regionals
5 MS3/HS 3 5 SAC - UT Edinburg 7 EL On-Line Reg. begins 12 MS4/HS4 16 Gear-Up Reg. begins 21 EL On-Line Regends 28 EL On-Line Testing begins	NOVEMBER '22 S M T W Th F S u 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 '23 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	05 EL OL State Testing ends 07 Mother's Day 17-18 HS UIL State (NEW) 29 Memorial's Day
3 MS5/HS5 4 Gear-Up Reg. ends 5 Gear-Up Testing begins 10 MS6/HS6 (UIL C)	DECEMBER '22 S M T W Th F S u u 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	JUNE '23 S M T W Th F S u u u 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 16	13 UIL Leg. Council 18 Father's Day
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INVOICE #: _____ - _____

2022-2023 TMSCA Subscription Order Form Prices valid through July 1, 2023. Test series that are not listed on this order form are available through

Prices valid through July 1, 2023. Test series that are not listed on this order form are available through the TMSCA State office. Orders for tournament tests should be received by the State office two weeks prior to meet. Tournamnet tests delivered electronically 7-10 days prior to your meet. <u>VALID EMAIL ADDRESS REQUIRED FOR DELIVERY</u>.

TMSCA CONTACT INFO: P.O. BOX 206, OLNEY,TX 76374; PHONE: 940.563.1005; FAX: 940.563.1006; EMAIL:execsectmsca@gmail.com

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	<u>IBER SENSE</u>	-	Cost/Pack		Amount		IBER SENSE	·	Test/Pack			Amount
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(14)	TMSCA 18-19 Series	14	\$35	\$_		(45)	TMSCA 18-1	9 Series	15	\$35	\$_	
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(16)	TMSCA 20-21 Series	14	\$40	\$_		(47)	TMSCA 20-2	1 Series	15	\$35	\$_	
(17)	TMSCA 21-22 Series	14	\$40	\$_		(48)	TMSCA 21-2	2 Series	15	\$40	\$_	
(18)	TMSCA 22-23 Series	14	\$50	\$_		(49)	TMSCA 22-2	3 Series	15	\$50	\$_	
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(23)	TMSCA 21-22 Series	14	\$40	\$		(54)	TMSCA 21-2	2 Series	15	\$40	\$_	
(24)	TMSCA 22-23 Series	14	\$50	\$		(55)	TMSCA 22-2	3 Series	15	\$50	\$_	
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(25)	TMSCA Scantron Forms (500)	\$45	\$_		HIGH	I SCHOOL RE	LEASE DATE	S (CIRCLE O	NE): INV 10	/22	10/29
(26)	TMSCA Chatsworth Card	s (250)	\$30	\$		11/5	11/12 12/3	12/10 1/14	1/21 1/28	2/4 2/18 2/2	5 3	6/4
	Subtotal Part B	. ,		\$		(56)	HS Number	Sense Test		\$60	\$	
PAR	T C ELEMENTARY PRACT	ICE MATER	IALS (GR 3-5	;)		(57)	HS Calculato	or Test		\$60	\$	
Inclu	des 5 practice tests each o	of NS/CA/M	A/SC			(58)	HS Mathem	atics Test		\$60	\$	
(27)	TMSCA Package (18-19)		\$50	\$		(59)	HS Science 1	est		\$60	\$	
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(29)	TMSCA Package (20-21)		\$50	\$		11/5	11/12 12/3	12/10 1/14	1/21 1/28	2/4 2/11 2/1	8 2	2/25
	TMSCA Package (21-22)		\$50	\$		(60)	MS Number	Sense Test		\$60	\$	
	TMSCA Package (22-23)		\$50	\$		(61)	MS Calculate	or Test		\$60	\$	
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