

September 1, 2023

Dear Colleague:

The Departments of Mathematics and of Computer Science are sponsoring the 44th Fort Hays State Math Relays on Thursday, November 9, 2023. The event is open to students enrolled in a state accredited high school and classified as 9th through 12th graders. Each participant will compete in at least 4 math tests over a variety of topics either individually or as member of a team. The problems used in each event are intended to require both speed and depth of knowledge of high school mathematics. Team participation is modeled along the lines of track relays with a team consisting of three students, and school points then awards will be given on a basis comparable to the track and field system.

To register for the relays, please type students' names on the appropriate entry form(s). The forms are found at the Math Relays' website <https://www.fhsu.edu/mac/Math-Relays/Entry-Forms/index> in a fillable PDF format. Always *keep a copy* of your completed entry forms for your records. There is a \$5.00 entry fee for each student registered for the Relays; checks should be made payable to: FHSU Math Relays. Then submit the original entry forms either by e-mail to amrohr3@fhsu.edu (Amy Rohr is our departments' new administrative assistant after the recent retirement of Bev Unruh) or by postage mail. Enclosed with this letter is a postage-paid business reply envelope for returning the entry check and entry forms (if not e-mailed) addressed to: FHSU Math Relays, Attn: Amy Rohr, 600 Park Street, Hays, KS 67601. Please note that the **deadline** for complete entries (including entry payment) to the Math Relays is **Monday, October 16, 2023**. With participation limited to 700 participants, **NO LATE ENTRIES WILL BE ACCEPTED**. Relay entries cannot be accepted if checks are not received in the Mathematics Office by October 16. Since the registration fee is used to cover expenses in advance of the day of the relays, fees will not be returned for cancellations. On November 9th, school entry packets will be available from 8:00 a.m. to 9:00 a.m. in the FHSU Memorial Union's Sunset Lounge. Only faculty sponsors are to pick up the school's packet and distribute contents to their students. The first event will begin at 9:30 a.m.

Rules governing participation and awards are enclosed and can also be found at the Math Relays' website. All rules of the contest are final; no exceptions will be made. Please pay close attention to Rules #2 and #12 when compiling your entries. Please make note as well of Rules #16 and #17 pertaining to students' attire and that by FHSU policy food from an off-campus establishment is not allowed in the Memorial Union. We ask your help in enforcing these rules. While waiting for their next event, please have students go to the PIONEER or TRAILS Rooms on the second floor or down to the first floor of the Union; these are the provided designated student areas. Please inform students to not loiter in the halls or on stairways between events. You and your students are welcome to congregate on the first floor, but the attached building north of the union is restricted from relay use. The last relay event ends at 12:20 p.m. and schools will be expected to make their own lunch arrangements. No formal awards ceremony will be held, but awards should be ready for pickup in the Sunset Lounge by 1:15 p.m. We respectfully request schools to please return to the FHSU campus to pick up any medals/plaques before leaving Hays.

Tests will be computer scored; students will indicate their answers on a scannable answer card. Please explain use of such cards to participants so that there will be no confusion during Math Relays (dark marks should only fill appropriate spaces, errors must be erased completely, only one answer may be given per question, test booklets can be written upon, etc.) Because of the tight time scheduling, *cards that are incorrectly marked could be disqualified*. Also by relay rules, to

discourage pure guessing, a deduction for an incorrectly chosen answer will be made on each score, but unanswered questions do not cause a reduced score. This reduction formula is given in the rules. Results for events will be posted throughout the day in the Hospitality Room and online.

Rules for on-campus parking must be followed. ***Busses and school vehicles MUST park in the Gross Memorial Coliseum parking lot.*** Please inform your school driver that busses and school vehicles must park in Gross Memorial Parking Lot. School vehicles and busses should approach the Memorial Union from the south on College Drive. Student drop off is on the EAST side of College Drive so southbound traffic on College Drive is not interrupted. After letting off students, busses and school vehicles should continue back to Gross Memorial parking lot via 8th street (U.S. Hwy 40) to park. A campus map is provided on the Math Relays web site. Campus Security may be directing traffic and will answer parking questions on the day of the relays.

Fort Hays State University is proud to be a tobacco-free campus. The FHSU policy prohibits the use of any tobacco products (any product that involves smoking, as well as smokeless tobacco products and vaping devices including e-cigarettes) within all university buildings and on all university grounds.

If you have questions, please contact the Fort Hays State University Mathematics Department. We look forward to welcoming you and your students to our campus on **Thursday, November 9th.**

Cordially,

Bill Weber
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<https://www.fhsu.edu/macs/Math-Relays/index>.