

TO: Principals and Mathematics Teachers
FROM: Preston County Math Field Day Coordinator, Mrs. Debra R. Zigray
RE: 45^h Annual Preston County Math Field Day

This year the 45^d annual Preston County Math Field Day will be held on Tuesday, January 21, 2020. Kingwood Community Building will be the site for 7th thru 12th grade and Kingwood Elementary School Multi-Purpose Room will be the site for 4th thru 6th grade. (The alternate date will be Wednesday, January 22, 2020). The field day will involve a total of 213 participants and is divided as follows.

Grades 4-6	79 participants
Grades 7-9	79 participants
Grades 10-12	55 participants

Each participating school is requested to please send a teacher to assist with activities and assume responsibility for the school's participants. (It requires at least six people to score tests and three additional people to help administer tests). Each school will provide transportation to and from the event. Please complete a bus transportation request form for your school.

Each student attending in grades 4-6, must bring his/her own bag lunch and drink in unbreakable container. No student will be permitted to leave the field day area for lunch.

Awards will be held at the Kingwood Community Building starting at 12:30 P.M. Awards will be presented to the top 4 winners in each grade level of the 4-9 groups. The top 11 winners in grades 10-12 will also receive awards. The top 3 winners from each grade 4-6 and the top 10 winners from 10-12 section will advance to the Region VII Math Field Day on Saturday, March 7, 2020 at University High School.

Practice sessions for all county winners prior to the regional event will be scheduled by the grade level director. If any student is unable to make a practice session, they are to contact the grade level director in advance. Any student not attending and participating in the **majority** of these sessions will not be permitted to represent our county at the regional level and will be replaced by the alternate. (The alternate must attend the practices, too).

Enclosed is a form showing each school's participant allotment. Thank you for your interest and cooperation in the past.

As in the past years, students will be participating in four tests. These include a written exam, estimation cards, physical estimation, and mental math.

Each coordinator will be sending you a formal detailed letter about the competition. Your grade level contacts are listed below.

Thank you for your assistance and interest in this event. If you have questions, please contact me at 216-8428.

Grades 10 -12	Mrs. Lisa Hileman	(Preston High School)
Grades 7 – 9	To be announced later	
Grades 4 – 6	Mrs. Samantha Peaslee	(Kingwood Elementary School)

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Fourth Grade

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____

Fifth Grade

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

Sixth Grade

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

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Seventh Grade

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____

Eighth Grade

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____

Ninth Grade

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. _____

**PRESTON COUNTY MATHEMATICS FIELD DAY
TUESDAY, JANUARY 21, 2020**

SCHOOL PARTICIPANT ALLOTMENTS IS BASED UPON TOTAL ENROLLMENT

SCHOOL	GRADE 4	GRADE 5	GRADE 6	GRADE 7	GRADE 8
Aurora	1	1	1	1	1
Bruceton	5	5	5	4	6
Central Preston		6	7	7	7
Fellowsville	1	1			
Kingwood	7				
Rowlesburg	1	1	1	1	1
South Preston	2	2	4	5	3
Terra Alta/East Preston	3	4	3	2	3
West Preston	6	6	6	7	6
TOTAL	26	26	27	27	27

PRESTON HIGH SCHOOL GRADE: 9th Grade 25 STUDENTS

GRADES: 10th -12th 55 STUDENTS

Written Test Instructions

1. All students/grades will take the written test at the same time.
2. Instruct students to turn to the last page of the test. They will work the problems on scrap paper and write only the answers on the answer sheet. Nothing is to be written on the test itself. Allow 20 minutes. Students should turn their answer sheets over when finished- #36 – 50 -involves some calculation by hand and must be done first.
3. Each student is given a pencil and scrap paper to use for the written test. All answers will be written on the Scantron form, and students should turn their answer sheets over when finished. **Please practice with your students in bubbling in circles on a Scantron form using a Number 2 pencil.** Nothing is to be written on the test itself. The time limit is 40 minutes. Answer sheets will be collected at the end of the time limit.
4. A student may request that a test administrator read something aloud to him (verbatim), but the administrator will not explain or otherwise interpret any problems.

Physical Estimation Instructions

1. Assign one student to each station. Students will stand with their backs to the activity while awaiting their turn.
2. Answers for this test will be estimates of measurements and must be within 30% of the exact answer to receive credit. Answers within 10% of the exact answer will receive extra points. No cross outs or write overs will be allowed. If a cross out or write over occurs, those answers will be marked incorrect. Evidence of written computation will result in a score of zero for the entire event. Each question will be counted right or wrong – no partial credit will be given.
3. Students may lift objects at the stations only when the cards instruct them to do so. Students may use fingers or pens to measure. All estimations are to be done visually unless the problem card states otherwise.
4. When first approaching each station, students must stand with their backs to it. On a given signal from the test administrator, the students will turn around and have 30 seconds in which to perform the estimation and write an answer. At the end of the time limit the students will be instructed to STOP and move to the next station. Continue until all students have been through all stations.
5. Collect answer sheets as each group finishes the rotations.

Mental Math instructions

1. All calculations are to be done mentally. Students must not attempt to write any problem or show any work on paper. Any problems showing evidence of this will be discounted.
2. Answers will be written in ink and must be exact to receive credit. Once an answer has been written it can't be changed, so students must be very careful not to cross out or write over top of an answer.
3. Each problem will be read twice only. After the second reading. The reader will instruct the students to pick up their pens and write an answer. They will have 20 seconds to do so. At the end of the time limit, the reader will instruct the students to STOP and put down their pens. Continue until all problems have been done.

Estimation Card Instructions

1. All calculations are to be done mentally. Students must not attempt to write any problem or show any work on paper. Any problems showing evidence of this will be discounted.
2. Answers will be written in ink and must be within 10% of the exact answer to receive credit. Once an answer has been written it can't be changed, so students must be very careful not to cross out or write on top of an answer.
3. Each card will be displayed for 20 seconds and only once. At the end of that time, the card will be taken away. The test administrator will instruct the students to pick up their pens and write an answer. They will be given only 10 seconds to write an answer, and at the end of that time they will be instructed to put down their pens. Continue until all cards have been completed.

Tie Breaker

1. Choose the student with the highest written test score.
2. If written test scores are equal, choose the student with the highest mental math exact answer score.
3. If both written and mental math scores are equal, choose the student with the highest estimation computation score.
4. If those three scores are exact, choose the student with the highest physical estimation score.
5. If all individual tests are equal, choose the student with the closest estimate on the guessing jar.