



REPUBLICA NG PILIPINAS  
REPUBLIC OF THE PHILIPPINES  
**KAGAWARAN NG EDUKASYON, KULTURA AT ISPORTS**  
**DEPARTMENT OF EDUCATION, CULTURE AND SPORTS**  
DECS Complex, Meralco Avenue  
Pasig City, Philippines

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*Sama-Sama*  
sa DECS

*Tanggapan ng Kalihim*  
*Office of the Secretary*

January 18, 2001

DECS MEMORANDUM  
No. 21, s. 2001

**CORRIGENDUM TO DECS MEMORANDUM NO. 574, S. 2000**  
**(Metrobank-MTAP-DECS Math Challenge)**

To: **Regional Directors**  
**Schools Division/City Superintendents**  
**Private Elementary and Secondary Schools Principals**

1. In connection with the Metrobank-MTAP-DECS Math Challenge scheduled on January-March 2001, the conduct of the Regional Finals (Individual and Team; Grades V and VI) which was originally scheduled on February 23, 2001 under Paragraph 4, Stage III of DECS Memorandum No. 574, s. 2000 will be moved to March 2, 2001.
2. Immediate and wide dissemination of this Memorandum is desired.

*Andrew B. Gonzalez*

ANDREW B. GONZALEZ, FSC  
*Secretary*

Reference:  
DECS Memorandum: (No. 574, s. 2000)

Allotment: 1—(D.O. 50-97)

To be indicated in the Perpetual Index  
under the following subjects:

**CHANGE**  
**CONTESTS**

**METROBANK-MTAP-DECS MATH CHALLENGE**

I. Qualifications of the Participants:

Any bone fide Grade school pupil, of regular age for the grade level, currently studying in any public or private elementary school as attested to by the principal or registrar of the school may participate.

II. Stages of the Competition

A. School Level – Grades 1 to 6

1. Have a competition, using a school prepared test, by grade level, Grade 1 to Grade 6.
2. Choose the top 4 per grade level to represent the school in the Elimination Round.
3. There shall be a maximum of 24 pupils chosen in every participating school: 6 grades times 4 students per grade level.

Example:

Grade  
No. of contestants

School A

1	2	3	4	5	6
4	4	4	4	4	4

B. Division Level – Grades 1 to 6

B.1 Elimination Round

- 1.1 All the selected pupils per grade in each school shall take a written test in a designated place or center of the Division. The test materials shall be provided by the MTAP.

Note: A division may have one or more testing centers depending on the distances between the schools, the size of the Division and the number of participating schools. It will be feasible to have one center per district.

Examples: Suppose Division A has 20 participating schools. Then, there will be 20 x 4 or 80 Grade 1 pupils to take the test, 80 Grade 2, . . . up to Grade 6 or a total of 480 pupils who will take the test in the Center. If those 20 schools are very far from each other, the Division may have more than one Center.

- 1.2 The test papers will be corrected using the key provided.
- 1.3 The top individual scorers of the whole Division, one for Grade 5 and one for Grade 6, qualify to compete at the Regional Individual Finals.
- 1.4 The scores of the top three contestants of a school by grade level shall be added to form the school score for the grade. Suppose the four Grade 5 contestants of a school are as follows with their scores:

Efren – 32, Rosa – 35, Lina – 29, Jose – 38

The school score will be  $32 + 35 + 38 = 105$ . The team will be composed of Efren, Rosa and Jose. Lina will be the alternate if the school is chosen for the Division Team Competition and one of the three is not available on the date of the Competition.

- 1.5. The school scores, of the whole Division, are ranked from highest to lowest.

1.6. The number of qualified school teams to participate in the Division Level is hereunder follows:

Number of Participating Schools	Number of Qualified Teams
20 school or fewer	6
21 - 50	8
51 - 75	10
76 - 100	12
101 - 125	14
126 - 150	16
151 - 175	18
176 or more	20

Note: 20 is the maximum number of teams because experience indicates that is the maximum number manageable for an oral team competition.

1.7 Certificates of Merit shall be awarded to pupils, Grades 1 to 6, who qualify under the following conditions:

First Honors for those who get 45 or more correct answers.

Second Honors for those who get 40 - 44 correct answers.

Third Honors for those who get 35 - 39 correct answers.

B.2 Division Team Competition - Grades 1 to 6

2.1 Test-Type: Written-Oral contest, questions to be provided by the MTAP.

2.2 Conduct of the Competition - Please see Mechanics of Team Orals.

2.3 It is desirable that the orals for the different grade levels follow one after the other. However, if the Center has enough venues, the competitions of two grade levels may run simultaneously.

2.4 The members of the top 3 teams per grade level will be awarded medals. All participants will be given Certificates of Participation.

2.5 Special Certificates will be awarded to the schools of the winning teams. Certificates of Recognition will be given to all trainers and staff members of the competition.

2.6 Medals and Certificates will be provided by the Metrobank Foundation and the MTAP.

2.7 The school teams that garner the First Place in Grade 5 and in Grade 6 qualify to compete at the Regional Team Contest.

C. Regional Level - Grades 5 and 6

C.1 Individual Competition - Grades 5 & 6

1.1 For this test, the contestants must use their code numbers given to them at the registration.

1.2 Test-Type: Written - The test will be composed of three types of questions: Part I - 15 questions worth 2 points each, Part II - 5 questions worth 3 points each and Part III - 3 questions worth 5 points each making a total of 60 points.

1.3 The contestants will be given 1.5 hours to answer the test.

- 1.4 Partial credit will be given to answers in Parts II and III
- 1.5 There may be more than one corrector for the papers, but only one may correct either Part II or III for the sake of consistency in the giving of partial credit. Each paper must be counter-checked.
- 1.6 The top three scorers are declared winners and awarded medals.
- 1.7 The top individual scorer, in each of Grades 5 \* 6, qualifies for the National Individual Competition on condition he/she get at least 40 points out of the total of 60 points. If he/she qualifies, he/she receives his/her medal will be during the Awarding Ceremony of the National Competition.
- 1.8 A Certificate of Merit will be given to each participant and a Certificate of Recognition for all coaches and staff.

#### C.2 Regional Team Competition – Grades 5 and 6

- 2.1 Test-Type: Written-Oral – questions to be supplied by the MTAP
- 2.2 Conduct of the Competition - Please see the Mechanics for Oral Team Competitions.
- 2.3 The top 3 teams will be declared winners and awarded medals and cash prizes including the team coaches.  
All participants will be given Certificates of Merit.
- 2.4 Trophies will be awarded to the schools of the winning teams.  
Certificates of Recognition will be given to all trainers and staff members of the competition.
- 2.5 Medals, Cash Prizes, Trophies and Certificates will be provided by the Metrobank Foundation and the MTAP.
- 2.6 The First Placers in Grade 5 and in Grade 6 qualify to compete at the National Team Competition on condition that their score is at least 40 out of a total of 60 points. If they qualify, their medals and trophies will be given during the Awarding Ceremony of the National Competition.

#### D. National Stage – Grades 5 \* 6

##### D.1 Individual Competition

- 1.1 The individual contestants will undergo both a written and an oral competition. The written test will follow the same mechanics as the written competition at the Regional Stage and the oral competition follows that of the Oral Competition.
- 1.2 The final score of each individual contestants will be  $\frac{1}{2}$  of written score +  $\frac{1}{2}$  of the oral score
- 1.3 The contestant will be ranked according to the final scores and the top three will be declared the winners.
- 1.4 Medals and cash prizes will be awarded to the top 3 teams including the team coaches and top 3 individuals.
- 1.5 Trophies will be awarded to the schools of the top 3 winning teams per grade level. Certificate of Recognition will be given to all advisers and other participants.

##### D.2 Oral Competition – Same mechanics as at the Regional Stage

- IV. Test Coverage: The topics in the DECS Elementary Mathematics Curriculum per grade level shall be the basis of the coverage. Materials of previous grades may be included as well as insightful applications of the principles involved.