



*Tanggapan ng Kalihim  
Office of the Secretary*

March 30 2000

DECS MEMORANDUM  
No 158 s 2000

**SEMINAR-WORKSHOP IN SCIENCE, MATHEMATICS AND RESEARCH**

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

1 The Philippine Normal University (PNU) will conduct the following seminars at the College Auditorium/Math Laboratory of this university

National Seminar-Workshop on Basic Research Processes in Science and Mathematics	May 22-26 2000
National Seminar-Workshop on Alternative Strategies in Teaching Mathematics	May 23-25 2000
National Seminar-Workshop on Alternative Measures of Accomplishment of Learning in Science	May 29-31 2000

2 The seminar in Mathematics aims to make the participants aware of the alternative strategies particularly the individualized and computer-aided instructions and the use of manipulative models in teaching Mathematics while that in Research aims to develop their skills in making research and investigatory activities in science and mathematics On the other hand the seminar in Science is aimed at enhancing the teachers skills in utilizing innovative measures of accomplishments in Science such as C M evaluation system and the vermont oregon quasar, rubric and portfolio assessment


3 Science and Mathematics teachers and teachers of other areas interested in assisting students cope with their needs in science, mathematics and research are invited to participate Those from the public schools will be allowed to attend on official time only.

4 A seminar fee of One Thousand Two Hundred Fifty Pesos (P1 250 00) for Science and Two Thousand Pesos (P2 000 00) for Research and Mathematics to cover certificate of appearance and handouts will be charged each participant. Participants should pre-register on or before May 15 2000 at tel nos (02) 400 11-85 (02) 527-30-69 or (02) 302-66-61

5 Registration fee, transportation and other incidental expenses of those coming from government institutions will be sourced through private funds not DECS funds Participants from private institutions shall make arrangements with their respective schools

6 Immediate and wide dissemination of this Memorandum is desired

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ANDREW GONZALEZ FSC  
Secretary

Reference None

Allotment 1—(D O 50 97)

To be indicated in the Perpetual Index  
under the following subjects

/ Learning Area MATHEMATICS  
/ SCIENCE EDUCATION  
/ SEMINARS  
/ TEACHERS  
/ WORKSHOPS

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