EDMONTON PUBLIC SCHOOLS

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TO:Board of TrusteesFROM:E. Dosdall, Superintendent of SchoolsSUBJECT:University of Alberta Math CampORIGINATOR:M. de Man, Department Head DesignateRESOURCE

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INFORMATION

In an effort to provide high level enrichment opportunities for students of junior high age a number of organizations have partnered to sponsor an annual summer mathematical camp at the University of Alberta.

Students are selected from Alberta and British Columbia and are engaged for several days in engaging and challenging mathematical situations, under the tutilage of renown mathematicians and scientists. Topics cover a wide range of mathematical applications. The August 200 camp included topics that expanded the students' appreciation for the order and power of mathematical principles, such as: *The Pigeon Hole Principle; Min-Max Problems in Geometry; Probability Applications; The Rearrangement Theorem; Escher Tessellations; Modular Arithmetic.*

The sponsoring organizations include Imperial Oil, Canadian mathematics Society, Mathematics Council (ATA), Pacific Institute for Mathematical Sciences, faculty of Science (U of A) and Edmonton Public Schools. The district's portion of the sponsorship consists of contributing to covering expenses of the camp to a maximum of \$1000 per year. It should be noted that the largest contingent of students at the camp were selected from Edmonton Public Schools.

The camp provides a wonderful opportunity to enable district students, with an interest and ability in mathematics, to take part in a world class mathematical experience within their own city. The Camp is directed by Prof. Ted Lewis and assisted by Prof. Andy Lui of the Department of Mathematical Sciences at the University of Alberta.

A copy of the August 2000 math Camp Workbook is available in the Trustee's Reading Room.

Appendix I:About the LecturesAppendix II:The Alberta Math Camp