POSTER PROJECT

The project must be worked on throughout April 2007 and presented in the final week on May 8th. You should prepare a large poster (60x80cm) attending to the following problem statement:

The vertices of two tetrahedra are the eight vertices of a cube, whose edges are of length $a$. Find the volume of the intersection of the two tetrahedra in all possible cases.

The poster should be clear, well designed and presented. It must be educationally significant so that pupils and teachers might benefit from its display.

A high grade will be offered for presentational skills, depth of study and mathematical clarity as well as pedagogical skill.

SJH
04.08.07