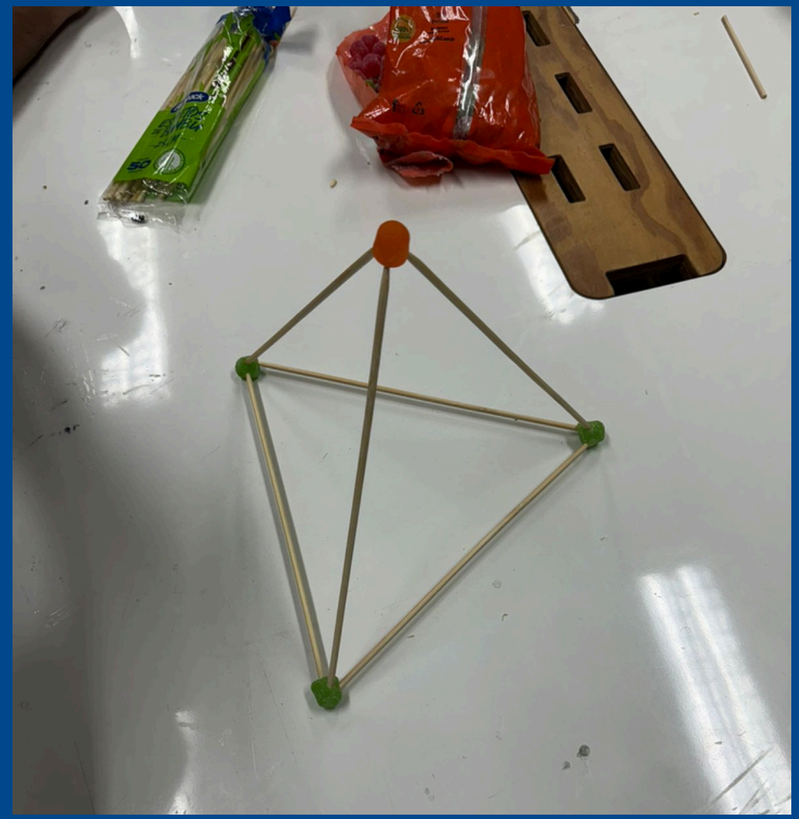
POLIEDROS DE PLATÃO

RAFAEL, PEDRO Z,
GUILHERME, GABRIEL,
VITOR K, FILIPE E FÁBIO

TETRAEDRO

A = B . H / 2 = 25 . 22 / 2 = 275 = 275.4
-> 1100 CM

V = $A^3\sqrt{2}/12$ = $25^3\sqrt{2}/12$
-> 1841,4239 CM

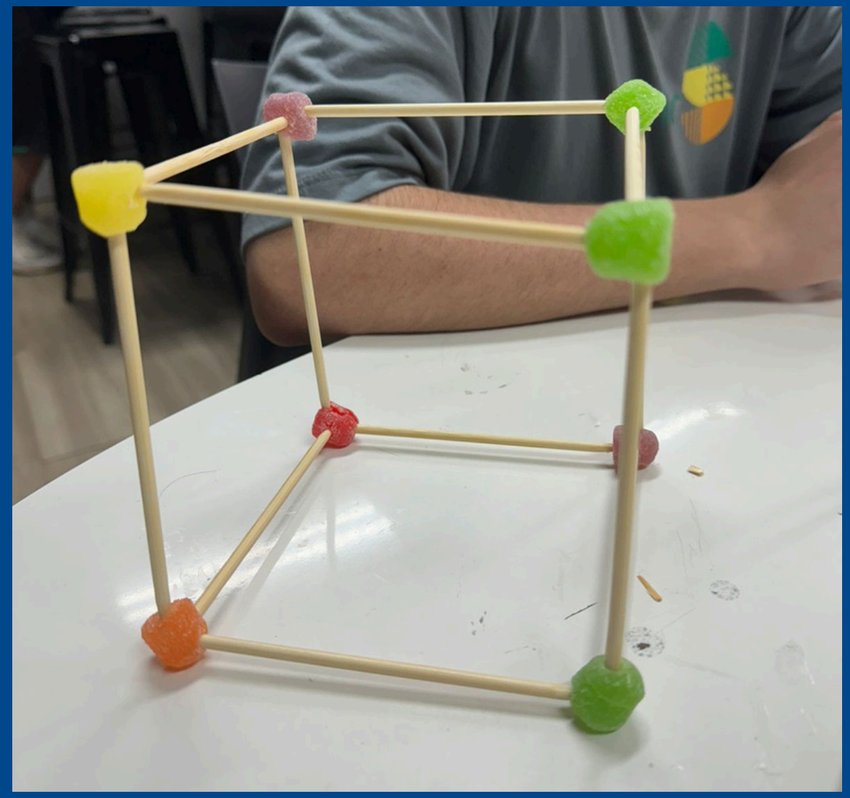


HEXAEDRO

$V = L^3 = 12.5^3 \rightarrow 1953,125 CM$

$A = 6.A^2 = 6.12,5^2$

$\rightarrow 937,5 CM$



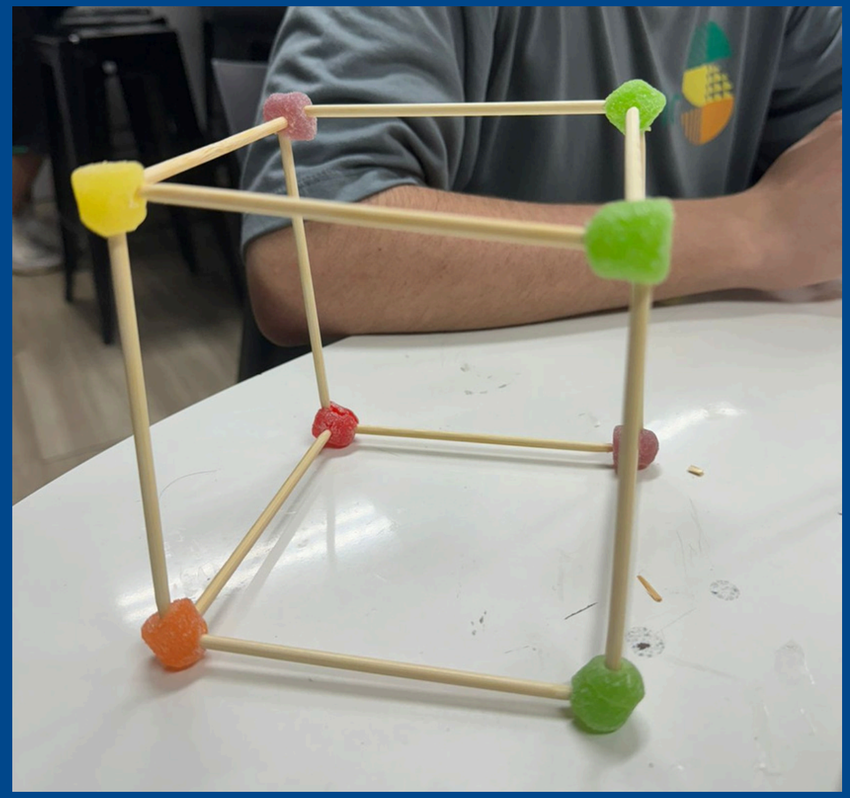
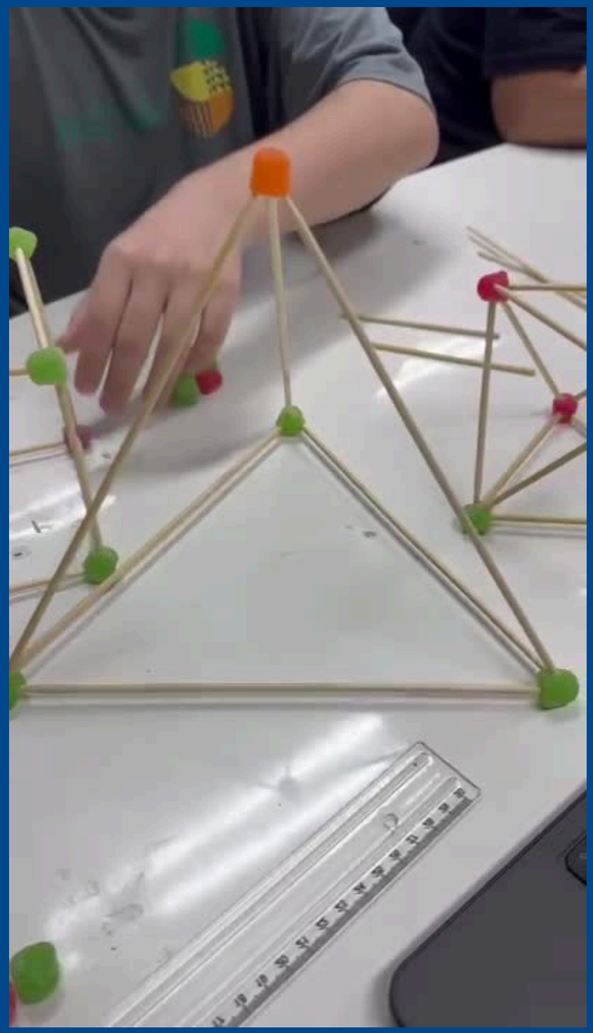
OCTAEDRO

$A = 2.A^2.\sqrt{3}$

$2.12,5^2\sqrt{3} -> 541,26 CM$

$V = A^3.\sqrt{2/3} = 12,5^3.\sqrt{2/3}$

$-> 920,71 CM$



VÍDEOS