

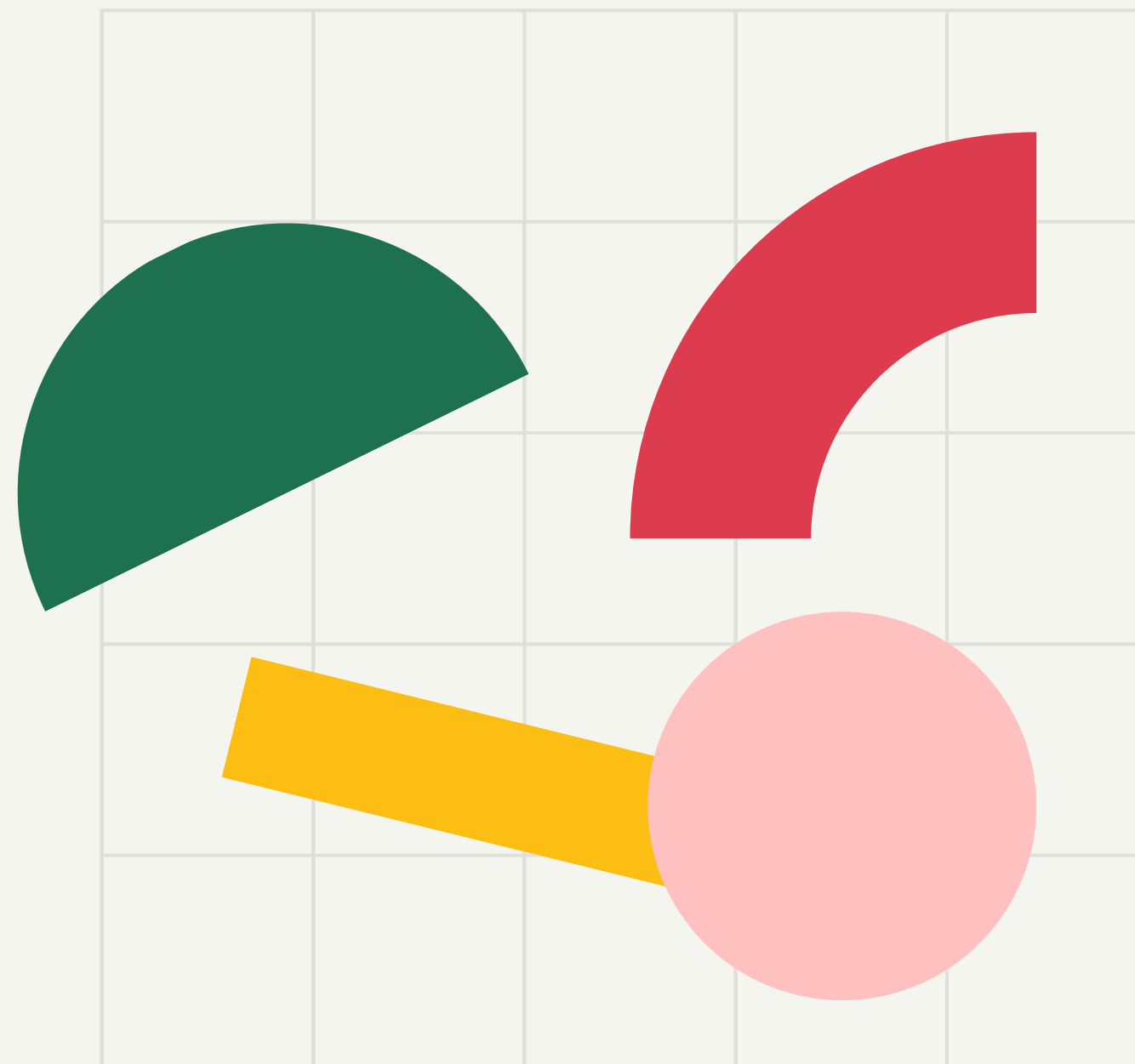


Formas geométricas contruída pelos alunos:

Eduardo, Henrique, bernardo e caio

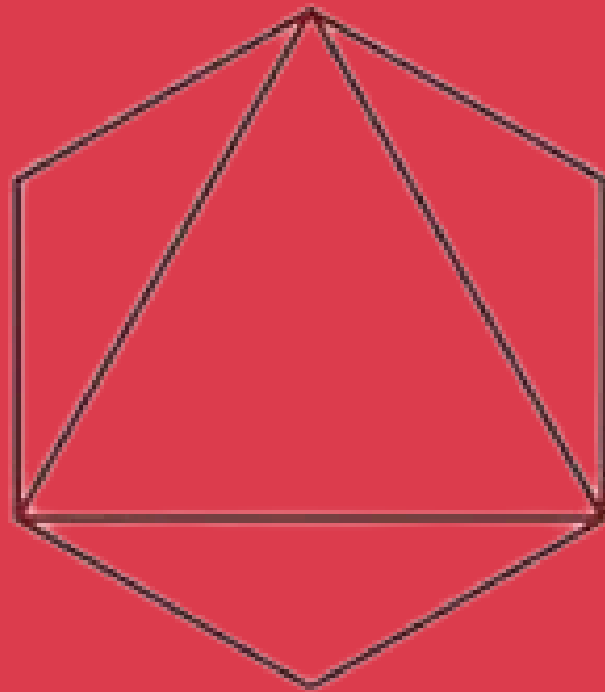
o que vamos fazer

O projeto consiste na execução de uma prática a qual faremos uma representação dos poliedros de platão com palitos de churrasco e jujubas.

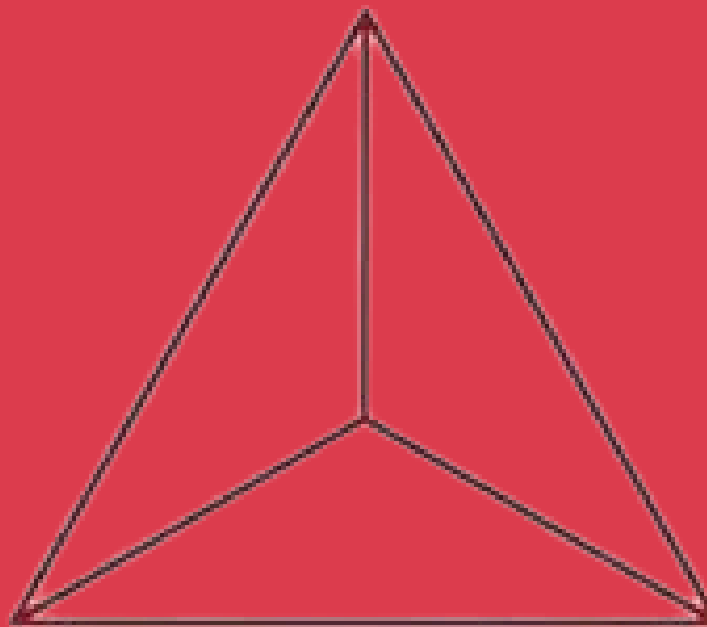


Poliedros de platão

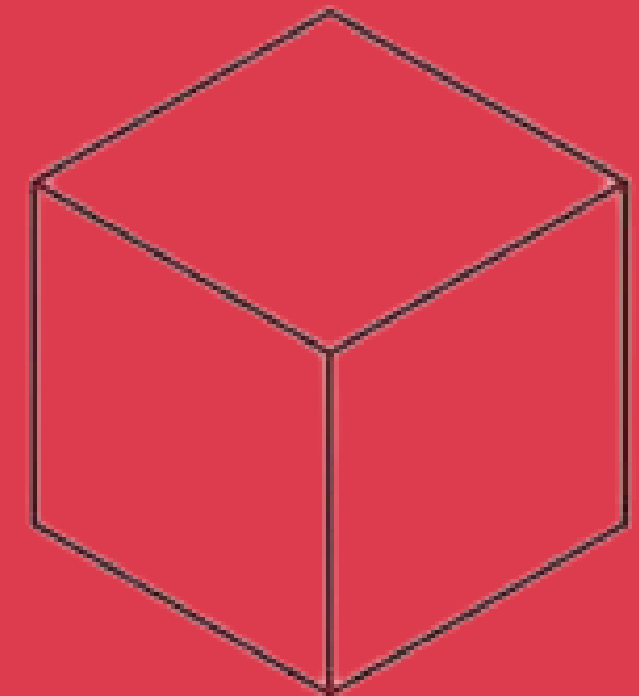
Octaedro



Tetraedro



Hexaedro



Materiais utilizados

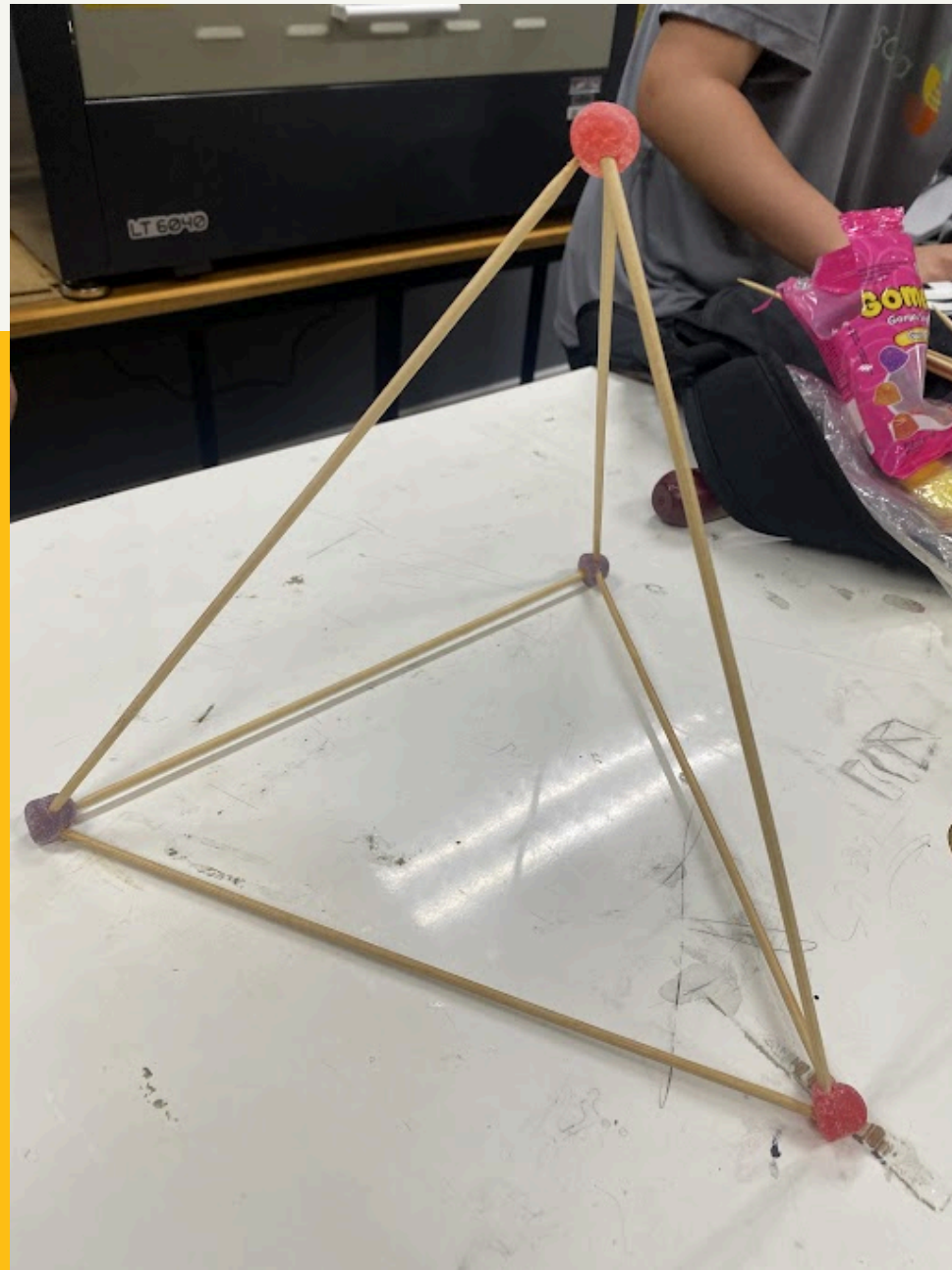


jujuba



palito de churrasco

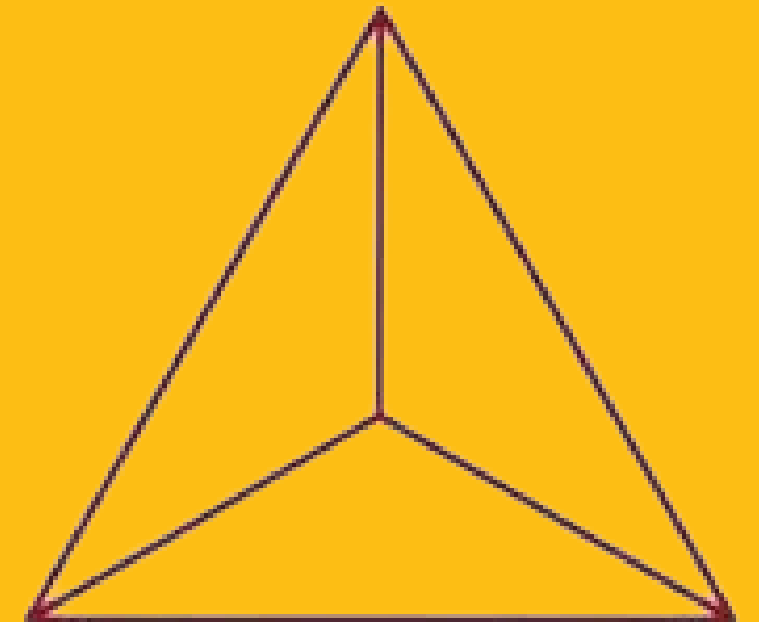
TETRAEDRO



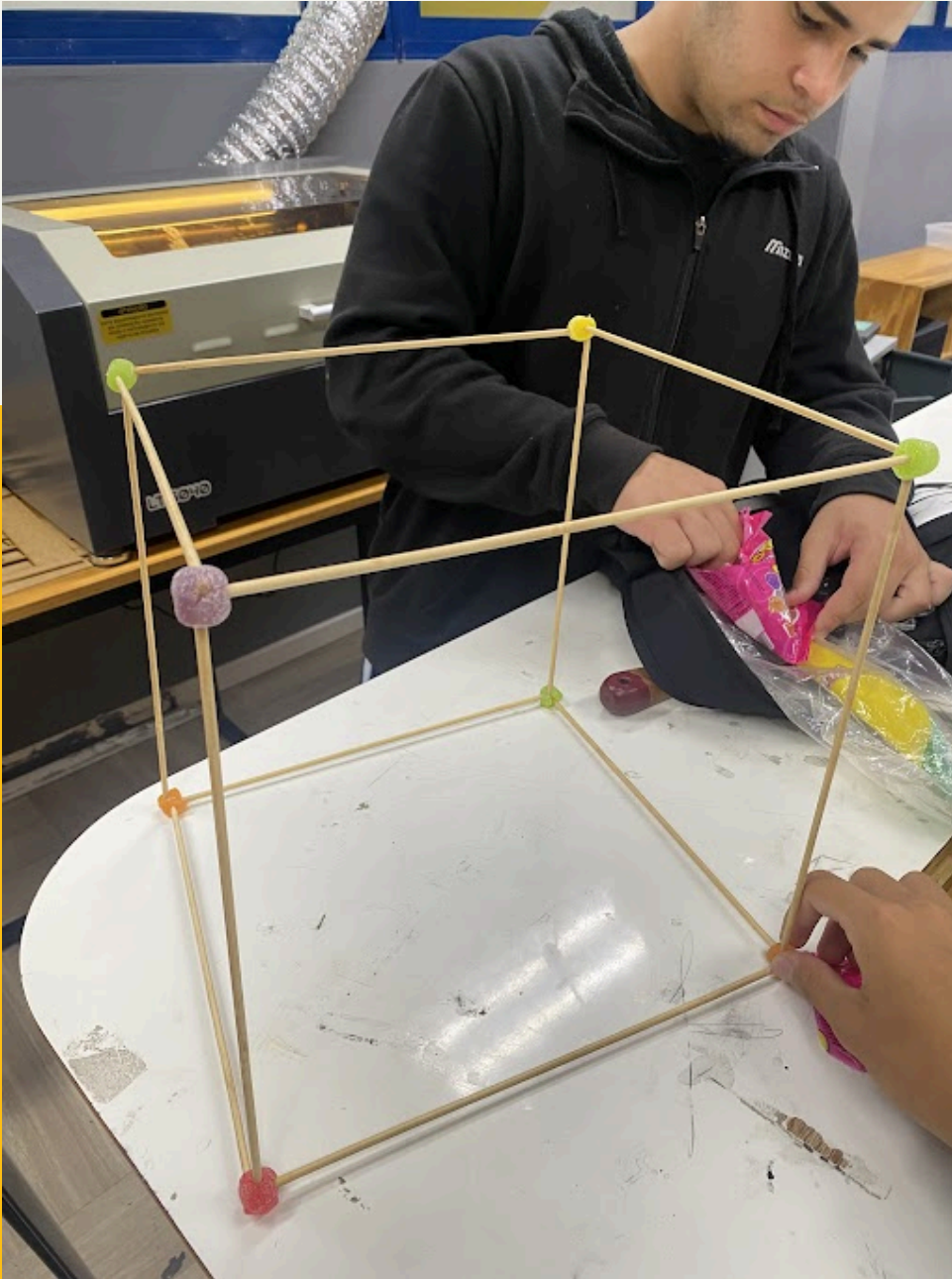
$$V = \frac{25^3 \sqrt{2}}{12}$$

$$V = 1836 \text{ CM}^3$$

Tetraedro



HEXAEDRO



L . L

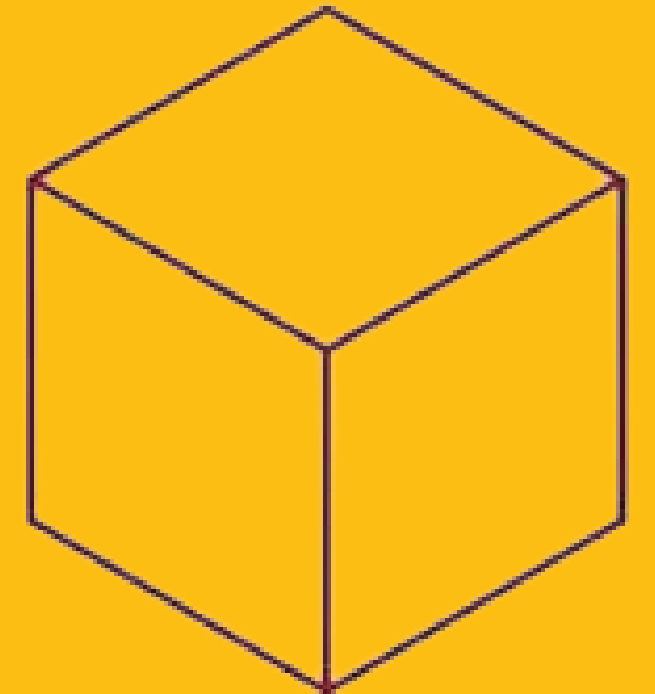
$$A = 13 . 13$$

$$A = 169 \text{ CM}^3$$

$$A \text{ TOTAL} = 169 . 6 = 1014 \text{ CM}^2$$

$$V = 2197 \text{ CM}^3$$

Hexaedro



OCTAEDRO



$$V = \frac{A^3 \sqrt{2}}{3}$$

$$V = 7343 \text{ CM}^3$$

$$A = \frac{L^2 \sqrt{3}}{4} \cdot 8$$

$$A = 2120 \text{ CM}^2$$

Octaedro

